## THE

## HOME KNITTER



A MANUAL

FOR MAKING
USEFUL ARTICLES FOR THE FAMILY.

EDINBURGH:
JOHNSTONE, HUNTER, \& CO.

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## THE

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 <br> <br> USEFUL ARTICLES FOR THE FAMILY.}

> BY
> A LADY.

EDINBURGH:<br>JOHNSTONE, HUNTER, \& CO.

## PREFACE.

"Woman's work is never done," is a homely proverb, and one which is often heard, as a murmur, from the lips of many a weary worker ; but it is also a pleasant and happy truth, in the experience of many, who, when their more arduous duties are over, can turn their leisure hours into busy work for the comfort of the old and young around them. Even the weak and feeble invalid, can feel that her hours of usefulness are not at an end, and that it brightens her own life, when she can contribute to the comfort of her poorer neighbours, and that she can still win those words of precious approbation which the humblest may earn, "Inasmuch as ye have done it unto one of the least of these my brethren, ye have done it unto me."

This little book has been written in the humble but earnest hope, that it may prove helpful to all such workers.

Edinburgh, April 1876.

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## EXPLANATION OF TERMS.

P denotes Plain knitting.
B " Pearl knitting.
O " Raise the thread over the needle.
S "Slip a stitch off the needle, without knitting it.
T " Knit 2 stitches together.
A "Slip I stitch, knit 2 together, then pass the slipped stitch over.
Sf "Slip a stitch, having the thread in front, then pass the thread to the back.

## LADY'S STOCKING.

Fingering worsted-Needles, No. 16. Cast on 108 stitches. Knit 2 plain and 2 pearl stitches alternately, until there are $1 \frac{1}{2}$ inches knitted. Then work, in plain knitting, $3 \frac{1}{2}$ inches, making a seam by knitting I stitch pearl every round, which must be continued throughout the stocking. Increase now by raising one on each side of the seam stitch, and after knitting I inch, increase again. Then knit 2 inches, and take in 2 stitches by
knitting 2 stitches together, on each side of the seam stitch.

Knit 8 rounds, and take in as before.

| $"$ | 7 | $"$ | $"$ |
| :--- | :--- | :--- | :--- |
| $"$ | 6 | $"$ | $"$ |
| $"$ | 6 | $"$ | $"$ |
| $"$ | 5 | $"$ | $"$ |
| $"$ | 5 | $"$ | $"$ |
| $"$ | 5 | $"$ | $"$ |
| $"$ | 5 | $"$ | $"$ |
| $"$ | 6 | $"$ | $"$ |
| $"$ | 6 | $"$ | $"$ |
| $"$ | 6 | $"$ | $"$ |
| $"$ | 7 | $"$ | $"$ |
| $"$ | 9 | $"$ | $"$ |

There will now be 84 stitches. Knit $3 \frac{1}{2}$ inches for the ankle. Divide for the heel, by putting 21 stitches on each side of the seam stitch, on one needle for the heel, the remainder on other two needles, for the front of the foot. Then with the fourth needle, work the portion for the heel, by knitting plain and pearl rows alternately, always slipping the first stitch of every row, until $2 \frac{1}{2}$ inches are completed.

For the top of the heel, commence with the plain row, and having knitted 5 beyond the seam stitch, slip the 6th, knit the 7 th, pass the slipped stitch over it ; turn your work, and having slipped the rst stitch, knit back until 5 beyond the seam stitch, then pearl 2 together. Turn again and knit as before until all the stitches on the ends
of the needles are taken off, and only 13 remain in the centre.

Having completed the heel, proceed to pick up the stitches at the edge, beginning at the left side, with the needle on which the stitches of the heel are, knitting them as you lift them, knit 3 of the stitches for the front of the foot. Then with the fourth needle, knit all the stitches on the two needles, for the front of the foot, with the exception of 3 . With another needle knit the 3 last stitches of the front, and pick up the stitches on the right side of the heel; having done that, work with the same needle to the centre of the heel. In the next round knit together the 3 d and $4^{\text {th }}$ stitches from the end of the needle on the left side of the heel. Knit the front. Then knit the 2 first stitches of the right side of the heel needle, slip the 3 d , knit the 4 th, pass the slipped stitch over it. These intakes form the gusset, and must be continued with a plain round between each intake round, until there are the same nümber of stitches (84) as there were before dividing for the heel.

Knit for the foot 5 inches, measuring from where the stitches of the heel are picked up.

Divide now for the toe, put the seam stitch with 20 stitches beyond it, on one needle, then put the next 42 stitches on another, and the remaining 21 on a third needle. Commence at the seam and knit the 3 d and $4^{\text {th }}$ last stitches together. For the front needle, slip the
$3^{\mathrm{d}}$ stitch, knit the 4 th, pass the slipped stitch over, and at the end of the needle, knit the 3 d and 4 th last stitches together. At the commencement of the next needle, slip the 3 d stitch, knit the $4^{\text {th }}$, pass the slipped stitch over. Next round plain. Next round, take in four times as before. Continue a plain round and an intake round alternately, until the number of stitches is reduced to 24 , 12 front and back. Place the needles together, knit from both needles at the same time. Cast off the remaining 12 stitches.

## GENTLEMAN'S SOCK.

Fingering worsted-Needles, No. 16 . Cast on 96 stitches. Knit $\frac{1}{2}$ inches, 2 plain and 2 pearl stitches alternately. Then in plain knitting, work 6 inches, carrying up 1 pearl stitch for a seam.

Divide for the heel, putting 23 stitches on each side of the seam stitch on one needle for the heel, the remainder on two needles, for the front of the foot.

For heel (see Lady's Stocking) knit 3 inches in length, and in knitting the top make it wider, by having 8 stitches on each side of the seam stitch, instead of 6.

Pick up the side stitches and knit the gusset (see page 7). For the length of foot, knit $6 \frac{1}{2}$ inches measuring from where the stitches of the heel are picked up.

For the toe, see page 7. Cast off with 16 stitches instead of I 2 .

## INFANT'S STOCKING.

Merino wool-Needles, No. 18. Cast on 76 stitches. Knit 1 inch, 2 plain and 2 pearl stitches alternately. Knit 2 inches plain, with I pearl stitch for seam. Take in two stitches, one on each side of the seam stitch.

Knit 7 rounds and take in.

| $"$ | 7 | $"$ | $"$ |
| :--- | :--- | :--- | :--- |
| $"$ | 6 | $"$ | $"$ |
| $"$ | 5 | $"$ | $"$ |

This makes 10 intakes, 5 on each side of the seam, and reduces the number to 66 .

Knit $\mathrm{I}_{\frac{1}{4}}$ inches for ankle.
Then divide for heel, placing 16 on each side of the seam stitch, on one needle for heel, and 33 on two needles for front of foot. Proceed to knit the portion for heel, a plain row and pearl row alternately, until there are $I_{\frac{1}{2}}$ inches worked. Then knit the top thus: begin with the plain row, and slip the ist stitch past the seam stitch, knit the 2 d , pass the slipped stitch over, knit the next. Turn back, pearl 2, plain the seam stitch, pearl 2 together, pearl I. Turn back, plain 2, pearl the seam stitch, plain r , slip I , plain r , pass the slipped stitch over, plain I. Turn back, pearl 3, plain the seam stitch, pearl

1, pearl 2 together, pearl r. Turn back. Continue thus until the stitches on the ends of the needles are taken in, and I7 remain. This is the French heel, and is more suitable for infants' stockings, being wider than the Dutch heel on page 6. Proceed to pick up the stitches on left side of heel, with the needle on which the heel stitches are, knitting them as they are picked up, knit with the same needle, 3 from the front, then with the fourth needle, knit all the stitches for the front of the foot, except 3. With another needle knit the 3 last stitches of the front, and pick up the stitches on the right side of heel, and knit with the same needle to the seam. In the next round, knit together the 3 d and 4 th stitches from the end of the needle on the left side of the heel. Knit the front part. Then knit the 2 first stitches of the right side of the heel needle, slip the 3 d, knit the 4 th, pass the slipped stitch over.

These intakes form the gusset, and must be continued with a plain round between each intake round, until there are the same number of stitches (66) as there were at the ankle.

Knit for the foot 2 inches, measuring from where the stitches of the heel are picked up.

Divide now for the toe, put the seam stitch with 16 stitches beyond it, on one needle. Then put the next 33 stitches on another, and the remaining 16 stitches on a third needle. Commence at the seam and knit the ad
and ${ }_{3} \mathrm{~d}$ last stitches together. For the front needle, slip the 2 d , knit the 3 d , pass the slipped stitch over, and at the end of the needle, knit the 2 d and 3 d last stitches together. At the commencement of the next needle slip the 2 d , knit the 3 d , pass the slipped stitch over. Next round plain. Next again, take in four times as before. Continue an intake round, and a plain round alternately, until the number of stitches is reduced to 24 , that is, 12 on front and back. Place the needles together, work the two rows off at the same time. Cast off on next row.

No. $\mathbf{I}$.

## LADY'S KNITTED PETTICOAT.

Alloa worsted-Pins, No. 7. This is worked in three widths, and with two colours, scarlet and white, or scarlet and grey or black.

Cast on 120 stitches with scarlet. The other two widths have the same number of stitches.

Knit one row plain, slip the ist stitch of every row. Ist row-Plain 2, pearl 2, repeat.
2d " The sạme.
3d " Pearl 2, plain 2, repeat.
4th " The same.
Repeat from 1st row until you have got 30 rows knitted. Then join on the white, and knit Plain 2,
pearl 2, repeat, every row afterwards, till within three inches of the required length; then Knit 2 together, pearl 2, repeat, which will make the next row Plain 2 pearl r . This is to reduce the width. It must be reduced again, after knitting an inch and a half, by knitting the 2 plain together, pearl r , repeat, thus making on both sides plain I , pearl I , and reducing the width to one-half. Knit an inch and a half and cast off. The other two widths knit in the same way. When finished sew together by the slipped stitches on the edge.

## No. 2.

## PETTICOAT WITH PATTERN THROUGHOUT.

Alloa worsted-Pins, No. 7. This petticoat is knitted in three widths, and with two colours, scarlet and black.

Cast on 121 stitches for each width (io stitches for each pattern, and I stitch to complete the pattern in order to join at the seam), begin with the scarlet. Ist row $-\mathrm{S}, \times \mathrm{O}, \mathrm{P}_{3}, \mathrm{~A}, \mathrm{P}_{3}, \mathrm{O}, \mathrm{P}_{1}$, repeat from $\times$ mark. 2d " Plain.
This is the pattern. When ten patterns have been knitted with the scarlet, commence with the black, and knit four patterns with it, then four with scarlet, again three with black, four with scarlet, then two with black.

After this the scarlet is continued to the top. At the 45th pattern, reduce the width, by taking in 2 stitches in every pattern, and this must be done again at the 55 th. 62 patterns complete the petticoat. Sew the edges of the widths together, and finish with a calico band.

No. 3 .

## PETTICOAT WITH PATTERN INSERTION.

Alloa worsted-Pins, No. 7. Knitted in three widths, and with two colours, scarlet and grey, each width the same number of stitches.

Cast on 121 stitches with grey, making the casting on as strong as possible.
rst row-Plain.
2d " Pearl.
3 d, Plain.
4th " Pearl.
5 th "Plain. At the end of this row, join the scarlet
6 th $, \mathrm{S}, \times \mathrm{O}, \mathrm{P}_{3}, \mathrm{~A}, \mathrm{P}_{3}, \mathrm{O}, \mathrm{P}_{1}$, repeat from $\times$ mark.
7th " Plain.
8th ". Same as 6th.
9th " Plain.
roth " Same as 6th.
IIth " Plain.

12th row-Same as 6th. At the end of this row, join the grey.
$1^{\text {th }}$ " Plain.
Repeat from 2 d row, changing the colour at the end of the 5 th row, as before, and again at the end of the 12 th. This completes 25 rows.
26th row-Pearl.
27th " Plain.
28th " Pearl.
29th " Plain.
30th " Plain 2, Pearl 2, repeat. Knit together the last 2 stitches of the row. This commences the ribbing which is continued throughout to the top. Should the scarlet insertion be thought not sufficiently broad, the pattern can be repeated before doing the ribbing. Reduce the width at top as in No. r.

No. 4 .

## PETTICOAT, PLAIN WITH GRADUATED STRIPE.

Alloa worsted-Pins, No 7. Knitted in three widths, with two colours, scarlet and grey or black.

Cast on 120 stitches with scarlet, each width the same number of stitches. Slip the ist stitch of every row. Knit I row plain knitting.

1st row-Plain 2, pearl 2, repeat.
2d " The same.
3d " The same.
4th " Pearl 2, plain 2, repeat.
5th " The same.
6th " The same.
Repeat from ist row until 24 rows are completed. Join the grey, and knit a plain row and a pearl row alternately, until there are 20 rows knitted. Join the scarlet, and knit a row of plain knitting. Then repeat from ist row, until there are 18 rows completed, Join the grey and knit other 20 rows, plain and pearl alternately, as in the first grey part, after which, join the scarlet, and after knitting a plain row, repeat from ist row, and knit 12 rows. Then with the grey, knit as formerly a plain row and a pearl row alternately, to the required length, reducing the width, when about 3 inches from the top, by knitting 2 together every fourth stitch, and doing the same again, when within an inch and a half of the full length. Cast off, sew the widths together by the slipped stitches on the edge, finish with band.

## PETTICOAT FOR A CHILD.

Worked in Tricot or German Crochet, with two colours, white and scarlet or cerise, fingering worsted.

Make a chain of 60 stitches with scarlet. Work one row; next row work only 40 stitches, leaving 20 at the end; next row work 60 . When there are only the two last loops on the pin, join on the white and finish, then work one row ; next row work 40 , next row work 60 ; join on the scarlet again in the same manner as the white, and repeat ; this makes three rows at the bottom and two rows at the top of each colour, thus taking it in at the top. When there is sufficient worked for the width, finish with the white and sew up, leaving a spare. Attach to a cotton band, or work it in double crochet the width desired. Work a scallop round the bottom for a finish in crochet with scarlet thus : one double crochet into one stitch, miss three, and work six double-long stitches into the fourth ; miss three again, and repeat.

## CHILD'S CHEMISE.

Fingering worsted or Berlin fingering, white-Pins, No. 8.

Cast on 60 stitches.
ist row- $\mathrm{O}, \mathrm{S}, \mathrm{T}$, repeat.
Every row the same.
Having worked a length of ro inches, knit the first 15 stitches of the row, which will be 5 ribs ; turn and knit back to the edge; continue knitting those 15 stitches
until $3 \frac{1}{2}$ inches are worked, then cast off. This is for the shoulder strap. Join the worsted close to the first stitch on the pin, and cast off 30 stitches, which leaves 15 stitches on the pin for the other shoulder. Knit those same as former $15,3 \frac{1}{2}$ inches in length. Cast off.

This is one half of chemise; the other half must be knitted the same. Join the front and back together, leaving 4 inches at the top for arm-hole. Join the shoulder-straps across the top. Finish with an edging of some bright colour in crochet. Work tightly a chain of crochet in white, slip it through the coloured edge, fasten on tassels of the colour to the end of the chain, and tie in front.

Some prefer the ribbing of pearl and plain knitting, instead of the brioche stitch as above, so the same number of stitches will suit, and knit pearl 3 , plain 3 , keeping the rib entire throughout.

If intended for boys, when sewing the side seam leave 2 inches open at the foot, which may be edged round with the crochet as at top.

## INFANT'S CHEMISE.

Merino wool-Pins, No. 12. Cast on 66 stitches, Slip the first stitch of each row. Knit 12 rows of ribbing, plain 2, pearl 2, alternately; then work in plain knitting
a length of $7 \frac{1}{2}$ inches, measuring from the top of the ribbing. Then knit thus : knit the first 17 stitches plain, $\times \mathrm{O}, \mathrm{T}, \mathrm{P}_{3}$; repeat from $\times 7$ times. Knit the remaining 14 stitches on the pin plain. Next row plain, next row knit the first 15 stitches plain; turn and knit back to the edge, plain; continue knitting those 15 stitches, backward and forward, until 20 rows are knitted. Cast off. This is for the shoulder.

Join the wool close to the first stitch on the pin, and cast off 36 stitches, which leaves $\times 5$ still on the pin for the other shoulder. Knit those same as former $\times 5$, that is, 20 rows in length. Cast off.

This is one half of chemise ; the other half must be knitted in the same manner. Join the two sides together, leaving 3 inches at top for arm-hole. Seam the shoulders across the top. Pick up the stitches all round the top of the chemise, continuing the holes for the caser across the shoulders. Finish the round of the top with 4 rounds of ribbing, plain 2, pearl 2. Then pick up the stitches round the arm-hole, and knit plain 2, pearl 2, for 6 rounds.

## KNEECAPS,

Fingering worsted-Pins, No. ro. Cast on 24 stitches, Knit 12 rows plain, slipping the first stitch of every row.

13th row-Knit 8 stitches, increase $\mathbf{1}$. Knit 8, increase r. Knit 8.
r4th " Knit all without increasing.
15th "Knit 8, increase 1 . Knit ro, increase 1 . Knit 8.
16th " Same as r4th.
Continue thus increasing, always keeping the 8 edge stitches at either end, until there are 48 stitches on the pin. Then knit 20 rows without increasing, after which, the stitches are reduced in the same way as they were increased, at every alternate row, and always at the edge of the 8 first and last stitches of the row. When the number of stitches are taken in to 24 , then knit 12 rows plain, and cast off. Sew the first and last rows together. This can be knitted with Alloa worsted, or any other thick wool, for greater warmth, and with coarser pins.

## CHILDREN'S REINS FOR PLAY.

Fingering worsted-Pins, No. 14. This may be knitted with any bright colour.

Cast on 30 stitches, and knit, in plain knitting, a stripe of ro inches in length, always slipping the first stitch of every row. Cast off. To each end of this stripe is attached a circle for the arms, which are made thus: take a piece of cord, the kind used for hanging windows,
or crinoline steel, and make a circle the size of a child's arm at the shoulder; sew the ends firmly together, splicing the one a little past the other. Then cover the cord or steel with cotton, wool, or flannel, to make it soft. Then cover lastly with a stripe of knitting, casting on 12 stitches, and knitting the length required plain every row. Sew it on overcast on the inner side. Before attaching the stripe (of 30 stitches broad, which was first knitted) to the arm-holes, there ought to be sewn upon it, with some contrasting colour, a name, such as "Beauty," "Fairy," etc., and to the under edge should be attached three or four little bells-if the knitting be of green or crimson, make the letters in yellow with gilt bells. When attaching this stripe for the chest to the arm-holes, do not let the sewing be seen, but overcast on the inner side to the overcasting on the arm-holes. Cast on 12 stitches, and knit in plain knitting a rein the length required, $2 \frac{1}{2}$ yards being long enough, as it stretches with use. Attach the ends to the arm-holes at the back, sewing to the overcasting. Then finish by knitting a stripe 12 stitches in breadth, and corresponding to the chest stripe in length, the ends of which sew to the armholes at the back at the same place as the rein.

## SHETLAND WOOL SCARF.

One skein of wool and pair of pins, No. 14, are re-
quired. Commence with the edging, for which cast on 8 stitches.


Repeat till there are seven patterns worked; then on the same pin pick up the edge stitches, 42 in number, and also the first 8 cast on stitches, which pick up on the other pin, and work them thus: $\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{P}$.

Now commence diamond border for end of scarf:

$$
\begin{aligned}
& \text { ist row- } \mathrm{P}_{3}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{~T}, \mathrm{P},-\mathrm{P}_{42},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{~T}, \mathrm{O}_{2} \text {, } \\
& \text { T, P. }
\end{aligned}
$$

8th row-P 8, O, T, P,-P 3, T, O, P $2, \mathrm{~T}, \mathrm{O}, \mathrm{P} 7$, $\mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{A}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{7}, \mathrm{O}$, $\mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}$, T, $\mathrm{O}_{2}$, T .

9th "
roth "
$\mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}$, $\times \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}$, $\mathrm{O}, \mathrm{T}, \mathrm{P}_{3}$, repeat from $\times \mathrm{P}_{3},-\mathrm{P} 3, \mathrm{O}, \mathrm{T}$, $\mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}$, T.
$\mathrm{P}_{2,}{\mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3} \text {, }}^{2}$ $\times \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}$, $\mathrm{O}, \mathrm{T}, \mathrm{P}$, repeat from $\times \mathrm{P}_{3},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{9}$. IIth " Cast off 6 stitches, $\mathrm{P}_{4}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{T}$, $\mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{5}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}$, repeat from $\times \mathrm{P}_{3},-\mathrm{P} 3, \mathrm{O}, \mathrm{T}, \mathrm{P}_{9}$.
12 th " Cast off $6, \mathrm{P}_{4}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P} 3, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{2}$, $\mathrm{T}, \mathrm{O}, \mathrm{P}_{7}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{A}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}$, $\mathrm{P}_{7}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2,-\mathrm{P}}^{3}, \mathrm{O}, \mathrm{T}$, $\mathrm{O}_{2}, \mathrm{~T}, \mathrm{P}$.
$\mathrm{P}_{3}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{1}-\mathrm{P}_{3}, \times \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}_{1} \mathrm{P}_{2}$, $\mathrm{T}, \mathrm{O}, \mathrm{P}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{3}$, repeat from $\times \mathrm{P}_{3},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{P}$.
14th "

15 th "
16th "
${ }_{17}$ th $" \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}$, $\mathrm{O}, \mathrm{T}, \mathrm{P}_{5}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}$, repeat from $\times \mathrm{P}_{3},-\mathrm{P} 3_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}, \mathrm{~T}$.
18th " $\mathrm{P}_{2}, \mathrm{~B}_{1} \mathrm{P}_{2}, \mathrm{~B}_{1} \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{1}-\mathrm{P}_{3}, \times \mathrm{P}_{2}$,
$\mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{3}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}$, repeat from $\times \mathrm{P}_{3},-\mathrm{P} 3, \mathrm{O}, \mathrm{T}, \mathrm{P} 6$.
19th row-P 8, O, T, P,-P $3, \times \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}$, $\mathrm{P}, \mathrm{T}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{3}$, repeat from $\times$ $\mathrm{P}_{3},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P} 6$.
20th
$\mathrm{P}_{2,} \mathrm{~B}_{1} \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{P}_{2}$, $\mathrm{T}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{3}$, repeat from $\times \mathrm{P}_{3},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}$, T.

30th $\Rightarrow \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}_{1} \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{P}_{2}$,

T, $\mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}$, repeat from $\times \mathrm{P}_{3},-\mathrm{P} 3, \mathrm{O}, \mathrm{T}, \mathrm{P} 6$. $3_{3}$ rst row-P 8, O, T, P,-P 42,-P 3, O, T, P 6. $3^{2 \mathrm{~d}}$ " $\mathrm{P} 8, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{P}_{4}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{A}$, $\mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{3}$, repeat from $\times \mathrm{P}_{3}$,$\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}, \mathrm{~T}$.
4ISt
$\mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times$
$\Rightarrow \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{5}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}$,
repeat from $\times \mathrm{P}_{3},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}$,
T, $\mathrm{O}_{2}$, T.
$\mathrm{P}_{2}, \mathrm{~B}_{1} \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times$
$\mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{3}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}$,
$\mathrm{O}, \mathrm{P}$, repeat from $\times \mathrm{P}_{3},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P} 9$.
Cast off $6, \mathrm{P}_{4}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}$,
$\mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}, \mathrm{T}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{3}$, repeat
from $\times \mathrm{P}_{3},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{9}$.
Cast off $6, \mathrm{P}_{4}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{P}_{4}, \mathrm{O}, \mathrm{T}$,
$\mathrm{P}_{2}, \mathrm{O}, \mathrm{A}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{3}$, repeat from $\times$
$\mathrm{P}_{3},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{P}$.
$\mathrm{P}_{3}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}$,
$\mathrm{P}_{5}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}$, repeat from $\times \mathrm{P}_{3}$,
$-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{P}$.
$\mathrm{P}_{3}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}$,
$\mathrm{O}, \mathrm{T}, \mathrm{P}_{3}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}$, repeat from
$\times \mathrm{P}_{3},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{4}$.
P 6, O, T, P, - P $42,-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{4}$.
P 6, O, T, P, - $\mathrm{P}_{3}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{7}$,
$\mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{A}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{7}, \mathrm{O}, \mathrm{T}$,
$\mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}, \mathrm{~T}$.
$\mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}$,
$\mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}$, repeat
from $\times \mathrm{P}_{3},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}, \mathrm{~T}$.
${ }_{42 \mathrm{~d}}$ row- $\mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{P}_{2}$, $\mathrm{T}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}$, repeat from $\times \mathrm{P}_{3},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P} 6$.
$43 \mathrm{~d} " \mathrm{P} 8, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{T}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{5}$, $\mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}$, repeat from $\times \mathrm{P}_{3},-\mathrm{P}_{3}$, O, T, P 6.
44th $n$ Same as 8 th row.
45th " Same as 9 th row.
46th " Same as roth row.
47 th " Same as 23 d row.
48th " Same as 36 th row.
49th " Same as 37 th row.
50th " Same as 3 8th row.
${ }_{5}$ rst $" \mathrm{P} 6, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}$, $\mathrm{T}, \mathrm{O}, \mathrm{P}_{2}, \mathrm{~T}, \mathrm{O}, \mathrm{P}_{3}$, repeat from $\times \mathrm{P}_{3}$, $-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{4}$.
52d " Same as r6th row.
53 d $\#$ Same as ryth row.
54 th " Same as 18 th row.
55th "Same as 7 th row.
$5^{6 \text { th }}$ " $\mathrm{P} 8, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{42},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T} ; \mathrm{O}_{2}$, T, $\mathrm{O}_{2}$, T.
57 th " $\mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{42}$,

$$
-\mathrm{P}_{3}, \mathrm{O}, \mathrm{~T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}, \mathrm{~T} .
$$

$5^{8 \text { th }} \nRightarrow \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{42}$, - $\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P} 9$.

59th $n$ Cast off $6, \mathrm{P}_{4}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{42},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{9}$. 60th " Cast off $6, \mathrm{P}_{4}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{42},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}$, $\mathrm{O}_{2}, \mathrm{~T}, \mathrm{P}$.
This finishes one end of the scarf; next row commences spider-net pattern for the centre, with the edge continued. First row of centre.

Ist row- $\mathrm{P}_{3}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{O}, \mathrm{P}, \mathrm{O}, \mathrm{A}, \mathrm{O}, \mathrm{T}$, repeat from $\times 5$ times, $\mathrm{P}_{3},-\mathrm{P} 3, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}$, T, P.
${ }_{2 \mathrm{~d}} \quad \Rightarrow \quad \mathrm{P}_{3}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{42},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{4}$.
$3^{\mathrm{d}} " \mathrm{P} 6, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P} 3, \times \mathrm{O}, \mathrm{P}_{3}, \mathrm{O}, \mathrm{A}$, repeat from $\times 5$ times, $\mathrm{P}_{3},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{4}$.
$4^{\text {th }} n$
$\mathrm{P}_{6}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{42},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}$, $\mathrm{O}_{2}$, T .
5th "
$\mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{A}, \mathrm{O}, \mathrm{T}$, $\mathrm{O}, \mathrm{P}, \mathrm{O}$, repeat from $\times 5$ times, $\mathrm{P}_{3},-\mathrm{P}_{3}$, $\mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}, \mathrm{~T}$.
6th " $\mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P} 42,-\mathrm{P} 3$, O, T, P 6.
7 th $, \quad \mathrm{P} 8, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{A}, \mathrm{O}, \mathrm{P}_{3}, \mathrm{O}$, repeat from $\times 5$ times, $\mathrm{P}_{3},-\mathrm{P} 3_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P} 6$.
8th " $\mathrm{P} 8, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{42},-\mathrm{P} 3, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}$, $\mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}$.
9th "
$\mathrm{P}_{2}, \mathrm{~B}_{1} \mathrm{P}_{2}, \mathrm{~B}_{1} \mathrm{P}_{2}, \mathrm{~B}_{2} \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times$ $\mathrm{O}, \mathrm{P}, \mathrm{O}, \mathrm{A}, \mathrm{O}, \mathrm{T}$, repeat from $\times 5$ times, $\mathrm{P}_{3},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}, \mathrm{~T}$.
roth " $\mathrm{P}_{2}, \mathrm{~B}_{3} \mathrm{P}_{2}, \mathrm{~B}_{1} \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{2}, \mathrm{P}_{42},-$ $\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P} 9$.
I Ith " Cast off $6, \mathrm{P}_{4}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{O}, \mathrm{P}_{3}, \mathrm{O}, \mathrm{A}$, repeat from $\times 5$ times, $\mathrm{P}_{3},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{9}$. Cast off $6, \mathrm{P}_{4}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{4},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}$, $\mathrm{O}_{2}, \mathrm{~T}, \mathrm{P}$.
I3th " $\mathrm{P}_{3}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{A}, \mathrm{O}, \mathrm{T}, \mathrm{O}, \mathrm{P}, \mathrm{O}$, repeat from $\times 5$ times, $\mathrm{P}_{3},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}$, T, P.
14th " $\mathrm{P}_{3}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{42},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{4}$. P 6, O, T, P,-P $3, \times \mathrm{A}, \mathrm{O}, \mathrm{P}_{3}, \mathrm{O}$, repeat from $\times 5$ times, $\mathrm{P}_{3},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{4}$.
${ }_{16 \text { th }}$ row- $\mathrm{P} 6, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{42},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}$, T.
${ }_{17}$ th $" \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{O}, \mathrm{P}, \mathrm{O}$, $\mathrm{A}, \mathrm{O}, \mathrm{T}$, repeat from $\times 5$ times, $\mathrm{P}_{3},-\mathrm{P}_{3}$, $\mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}, \mathrm{~T}$.
18th " $\mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{42},-\mathrm{P} 3$, О, T, P 6.
r9th "P $\mathrm{P}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{O}, \mathrm{P}_{3}, \mathrm{O}, \mathrm{A}$, repeat from $\times 5$ times, $\mathrm{P}_{3},-\mathrm{P} 3, \mathrm{O}, \mathrm{T}, \mathrm{P} 6$.
${ }_{20 \text { th }} \# \mathrm{P} 8, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{42},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}$, $\mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}$.
21st " $\mathrm{P}_{2}, \mathrm{~B}_{1} \mathrm{P}_{2}, \mathrm{~B}_{1} \mathrm{P}_{2}, \mathrm{~B}, \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times$ A, O, T, O, P, O, repeat from $\times 5$ times, $\mathrm{P}_{3}$, $-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}, \mathrm{~T}, \mathrm{O}_{2}, \mathrm{~T}$.
$22 \mathrm{~d}^{\prime} \quad \mathrm{P}_{2}, \mathrm{~B}_{1} \mathrm{P}_{2}, \mathrm{~B}_{1} \mathrm{P}_{2}, \mathrm{~B}_{1} \mathrm{P}_{2}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{42},-$ $\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P} 9$.
23d " Cast off $6, \mathrm{P}_{4}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{3}, \times \mathrm{A}, \mathrm{O}, \mathrm{P}_{3}, \mathrm{O}$, repeat from $\times 5$ times, $\mathrm{P}_{3},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}, \mathrm{P}_{9}$. 24th " Cast off $6, \mathrm{P}_{4}, \mathrm{O}, \mathrm{T}, \mathrm{P},-\mathrm{P}_{42},-\mathrm{P}_{3}, \mathrm{O}, \mathrm{T}$, $\mathrm{O}_{2}, \mathrm{~T}, \mathrm{P}$.
Repeat these last 24 rows till the scarf measures about 7 finger-lengths; then begin at ist row of the diamond border, and work the 60 rows; then cast off all but 8 stitches, which form the edging, and work them till there are 7 patterns; then cast off and sew to the end of scarf.

## GENTLEMAN'S UNDERSHIRT.

Fingering worsted-Pins, No. 12. Cast on 120 stitches. This is knitted with 2 pins. Slip the ist
stitch of every row. Knit 30 rows of ribbing, plain I, pearl 1 , after which knit a plain row and a pearl row alternately, until there is a length of 21 inches knitted, measuring from the top of ribbing.

The stitches must now be divided for the shoulders and neck. Commence with the plain row, and knit 39 stitches plain, turn and knit back, pearl, to the edge, with a 3 d pin, continue knitting thus backward and forward these 39 stitches, until a length of 8 inches is worked. Leave the 3 d pin in the 39 loops, and break off the worsted at the end of the plain row, leaving 3 inches of the worsted to knit in, when joined again. Tie on the worsted close to the 40 th stitch, where the stitches were divided for the neck, and cast off 42 stitches, which leave 39 still on the pin. Knit to the end of the row plain, and knit back pearl, at the end of the 39 pearl cast on 42 stitches additional, which make 8 r in all. Knit next row plain, next again pearl, and continue thus, until there are 8 inches in length worked ; finish with the pearl row, and at the end of it, attach the 39 stitches (which were left on the 3 d pin), knitting them pearl, fastening the end of worsted left, by knitting it in with the other thread, a few stitches. There will now be 120 stitches on the pin. Knit as before a plain row, and a pearl row alternately, until a length of 15 inches is knitted. Add 30 rows of ribbing, plain 1 , pearl r. Cast off. Seam up the sides, leaving about 7 or 8 inches open at the
shoulder, for sleeves. Bind round the neck with tape, or calico, and the opening at the right side, finish, as gentlemen's undershirts usually are, with calico bands, buttons, and buttonholes.

For the sleeve, cast on 90 stitches. Knit a plain row, and a pearl row alternately, until 4 inches are worked. Then take in 2 by knitting together the 3 d and $4^{\text {th }}$ first stitches, and the 3 d and 4 th last stitches of the row, continue taking in thus, 9 times, working an inch of knitting between each intake, which will make ro intakes in all, and thus reduce the number of stitches to 70 , knit 1 inch more, and finish with 30 rows of ribbing, plain r , pearl r . Cast off.

For the gusset, cast on 36 stitches, and knit 54 rows, a plain row and a pearl row alternately. Cast off. Sew it in at the widest part of the sleeve, in the usual way, and seam up the remaining part of the sleeve, sew it into the opening left for it in the shirt, keeping it rather full at the top of the shoulder. If required thicker, and warmer, take Alloa worsted, or lambs' wool, with coarser pins, and cast on IIO stitches, which divide at shoulder thus : 36 for each shoulder, and $3^{8}$ for neck, for sleeve 82.

## INFANT'S BASSINET BLANKET.

Fleecy wool-Pins, No. 6, or Alloa worsted-Pins, No. 8. Cast on 180 stitches. Knit 18 rows plain, always slipping the ist stitch.

19th row-Knit 9 plain, $\times$ bring forward the thread, slip I the pearl way, put back the thread, knit I , repeat from $x$, knit the last 9 stitches of the row plain. Every row the same, the only difference being that the stitch which was slipped last row must be knitted the next row, and the stitch which was knitted last row must be slipped next row. Keep the 9 edge stitches throughout. Knit the required length, and finish with 18 rows of plain knitting.

## INFANT'S BASSINET QUILT.

Knitting cotton, No. 6-Pins, No. 12. Cast on 226 stitches, that is, counting 9 patterns of 24 stitches each, and to extra for edge stitches.

Knit to rows plain.
1st pattern row- $\mathrm{P}_{5}, \times \mathrm{P}_{2}, \mathrm{~B}_{2}, \mathrm{P}_{2}, \mathrm{~B}_{2}, \mathrm{P}_{2}, \mathrm{~B}_{2}$, $\mathrm{P}_{12}$, repeat from $\times \mathrm{P}_{5}$.
2d B 2 ,-repeat from $\times \mathrm{P} 5$.

3 d pattern row-Same as ist row.
$4^{\text {th }} \quad " \quad \mathrm{P}_{5}, \times \mathrm{P}_{12}, \mathrm{P}_{2}, \mathrm{~B}_{2}, \mathrm{P}_{2}, \mathrm{~B}_{2}, \mathrm{P}_{2}$, $\mathrm{B}_{2}$, repeat from $\times \mathrm{P}_{5}$.
5th "
$\mathrm{P}_{5}, \mathrm{X}_{2} \mathrm{P}_{2} \mathrm{~B}_{2}, \mathrm{P}_{2}, \mathrm{~B}_{2}, \mathrm{P}_{2}, \mathrm{~B}_{2}$, B 12 , repeat from $\times \mathrm{P}_{5}$.
6th " Same as 4th row.
Repeat from ist row until 12 rows are knitted. $1_{3}$ th pattern row- $\mathrm{P}_{5}, \times_{12} \mathrm{P}_{12} \mathrm{P}_{2}, \mathrm{~B}_{2}, \mathrm{P}_{2}, \mathrm{~B}_{2}, \mathrm{P}_{2}$, $\mathrm{B}_{2}$, repeat from $\times \mathrm{P}_{5}$.

14th "

15 th $"$
16th

17th $\mathrm{P}_{5}, \times_{2} \mathrm{P}_{2} \mathrm{~B}_{2}, \mathrm{P}_{2}, \mathrm{~B}_{2}, \mathrm{P}_{2}, \mathrm{~B}_{2}$, B 12 , repeat from $\times \mathrm{P}_{5}$.
Same as $I 3$ th row.
$\mathrm{P}_{5}, \times_{2} \mathrm{P}_{2}, \mathrm{~B}_{2}, \mathrm{P}_{2}, \mathrm{~B}_{2}, \mathrm{P}_{2}, \mathrm{~B}_{2}$, $\mathrm{P}_{12}$, repeat from $\times \mathrm{P}_{5}$.
$\mathrm{P}_{5}, \mathrm{X}_{12} \mathrm{~B}_{12} \mathrm{P}_{2}, \mathrm{~B}_{2}, \mathrm{P}_{2}, \mathrm{~B}_{2}, \mathrm{P}_{2}$, $\mathrm{B}_{2}$, repeat from $\times \mathrm{P}_{5}$.
18th
"
Same as 16 th row.
Repeat from I3th row until 24 rows are completed. Then repeat from ist row. When the length for quilt is completed, finish with to rows of plain knitting.

## FRINGE FOR QUILT.

Use the same cotton double, and needles, No. 14 . Cast on 8 stitches, and knit I row plain. Ist row cast the thread quite round the needle, pearl 2 together, O , pearl 2 together, O , pearl 2 together, O , pearl 2 together. Every row the same as last.

Knit the length of fringe required, then cast off the last 4 loops of the last row, and drawing out the needle, pull down the remaining 4 loops all the way along the fringe.

This fringe may be knitted any breadth required; as any even number of stitches will do.


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