

Patterns 2

11 February 2026 23:16

~~Q1.~~ * * * *
 * * * *
 * * * *
 * * * *

~~Q2.~~ * * * * *
 * * * * *
 * * * * *
 * * * * *

~~Q3.~~ * * * * *
 * * * * *
 * * * * *

~~Q4.~~ * * * *
 * * * *
 * * * *
 * * * *

~~Q5.~~ 1
 2 3
 4 5 6
 7 8 9 10

~~Q1.~~ ↓ ↓ ↓ ↓
 * * * * ←
 , * * * * ←
 * * * * ←
 * * * * ←

for (i=1 → n)
 for (j=1 → n)

i=1, j=1

for (i → n)
 → for (j → n)
 → print ("*");
 → point ((i, n));

i=1; j=1, 2, 3, 4
 , , , ,
 j=1 j=2 j=3 j=4
 i=1 → * * * * . (1,3)
 i=2 → * * * *
 |
 |
 |
 i=4 -- - - -

~~Q1.~~ * * * *
 * * * *
 * * * *
 * * * *

~~Q2.~~ * * * *
 * * * *
 * * * *
 * * * *

~~Q3.~~ * * * * *
 * * * * *
 * * * * *

for (int row=1; row<=4; row++) {
 2 → for (int col=1; col<=row; col++) {
 point ("*");
 }
 point ("*");
 }

i=1 → n-i
 i=2
 i=3

~~Q1.~~ → x < x x
 x x x
 x x
 x

i=1
 j=1 x x x x

i=4

for (row=4; row>=1; row--) {
 for (col=1; col<=row; col++) {

$j=1$ $x \quad x \quad x$
 $10 \quad " \quad x \quad x \quad >$
 $" \quad " \quad " \quad x \quad "$
 $" \quad " \quad " \quad " \quad >$

`for (col = 1 ; col <= row ; col++) {`

Point ("*")

$\{ \text{print} ("~n") \}$

۱

A hand-drawn diagram on a piece of paper. The paper has irregular edges and a vertical crease on the right side. Inside, there are several 'x' marks at the top and bottom, and a large irregular shape in the center. Arrows point from the left towards the center and from the center towards the right. There are also arrows pointing upwards and downwards within the central shape. A small circle is located near the top left of the central shape. The number '8' is written in the bottom right corner of the paper.

for ($i = 4 \rightarrow 1$) {
 ↓
 for ($j = n - i$) Point (" ") ;

for (1-11)

* \rightarrow dof $(1 \rightarrow \infty)$ find ("y"),

2

$$l = 4$$

1

0)

卷之三

Q3:

-	-	-	*
-	*	*	*
-	*	*	*
=	*	*	*
*	*	*	*

$$j = 3 \quad \left\{ \begin{array}{l} j = 1 \\ j = -1 \end{array} \right. ; \quad j = +$$

✓ ✓ ✓ ✓
— ✓ ✓ ✓

17

1 = 3

$$n - 1 = \cancel{1} + \cancel{1} + \cancel{1}$$

木

— — *

6

✓ ✓ ✓ ✓

水 水

六

6