* <https://www.faceprep.in/c/pattern-programs-in-c/>
* <https://www.geeksforgeeks.org/tag/pattern-printing/>
* <https://www.csinfo360.com/p/pattern-programming-questions-and.html>
* <https://www.techgig.com/practice/pattern-problems/pattern> VERY IMPORTANT
* <https://www.youtube.com/playlist?list=PLzgPDYo_3xuliFyI5dZKgYB99SMUscGyp>

**Patterns**

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\*\*\*\*\* **Pattern** 1

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\*\*\*\*\* **Pattern** 2

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**\*\*\*\*\*\*\*\*\*\*\*\*\*** **Pattern 3**

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**\* Pattern 4**

1

2 3

4 5 6

7 8 9 10

11 12 13 14 15 **Pattern 5**

A

B B

C C C

D D D D

E E E E E **Pattern 6**

A

B C

D E F

G H I J

K L M N O **Pattern 7**

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**\* Pattern 8**

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**\* Pattern 9**

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\* \* \* \* \* \* \* **Pattern 10**

1 2 3 4 5

6 7 8 9

10 11 12

13 14

15  **Pattern 11**

15

14 13

12 11 10

9 8 7 6

5 4 3 2 1  **Pattern 12**

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\* **Pattern 13**  VTK/VVIP

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\* \* \* a \* \* \* **Pattern 14** VTK/VVIP

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a \*

a a \*

a a a \*

a a a a \* **Pattern 15**

a a a a \*

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a \*

\* **Pattern 16**

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\* \* **Pattern 17**

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\* **Pattern 18**

0

1 1

2 3 5

8 13 21 34

55 89 144 233 377 **Pattern 19 VVIPP/VT**

1

1 1

1 2 1

1 3 3 1

1 4 6 4 1 **Pattern 20 VVIPP/VT**

5 \* 1 = 5

5 \* 2 = 10

5 \* 3 = 15

5 \* 4 = 20

5 \* 5 = 25

5 \* 6 = 30

5 \* 7 = 35

5 \* 8 = 40

5 \* 9 = 45

5 \* 10 = 50 **Pattern 21 (Print table for n)**

1

2 3 2

3 4 5 4 3

4 5 6 7 6 5 4

3 4 5 4 3

2 3 2

1 **Pattern 22 VVIPP/VT**

1 1

1 2 2 1

1 2 3 3 2 1

1 2 3 4 4 3 2 1

1 2 3 4 5 4 3 2 1 **Pattern 23**

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\* **Pattern 24**

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**\* \* \* \* \* \* \* Pattern 25**

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\* \* \* \* \* **Pattern 26**

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\* \* **Pattern 27**

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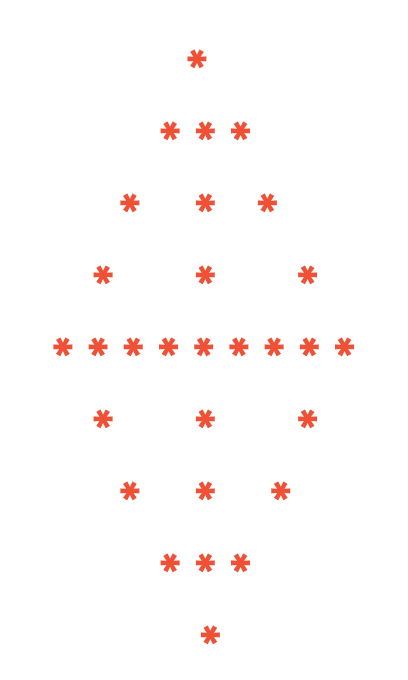
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\* \* **Pattern 28**

 **Pattern 29**

A

A B A

A B C A B

A B C D A B C

A B C D E A B C D **Pattern 30**

9 9 9 9 9 9 9 9 9  
   7 7 7 7 7 7 7  
      5 5 5 5 5  
         3 3 3   
            1 **Pattern 31**

            1  
         3 3 3  
      5 5 5 5 5  
   7 7 7 7 7 7 7  
9 9 9 9 9 9 9 9 9  **Pattern 32**