

QSpiders | JSpiders | PySpiders, NOIDA

B-4, Block-B, Sector-3, Noida

Pattern Programming Questions by Shambhu Sir



@javac\_java

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**LEVEL-I**

Q:1

Enter the number of Rows:

5

1 1 1 1 1

2 2 2 2 2

3 3 3 3 3

4 4 4 4 4

5 5 5 5 5

# Pattern Programming

Q:2

LEVEL-I

Enter the number of Rows:

5

1 1 1 1 1

0 0 0 0 0

1 1 1 1 1

0 0 0 0 0

1 1 1 1 1

# Pattern Programming

## LEVEL-I

Q:3

Enter the number of Rows:

5

1 2 3 4 5

1 2 3 4 5

1 2 3 4 5

1 2 3 4 5

1 2 3 4 5

# Pattern Programming

Q:4

LEVEL-I

Enter the number of Rows:

5

1 0 1 0 1

1 0 1 0 1

1 0 1 0 1

1 0 1 0 1

1 0 1 0 1

# Pattern Programming

Q:5

**LEVEL-I**

Enter the number of Rows:

5

\* \* \* \* \*

\* \* \* \*

\* \* \* \*

\* \* \* \*

\* \* \* \* \*

# Pattern Programming

## LEVEL-I

Q:6

Enter the number of Rows:

9

```
* * * * *
* * * * *
* *           * *
* *           * *
* *           * *
* *           * *
* *           * *
* * * * *
* * * * *
```

# Pattern Programming

## LEVEL-I

Q:7

```
Enter the number of Rows:
7
*           *
 *         *
  *       *
   *     *
    *   *
     * *
    *   *
   *     *
  *       *
 *         *
*           *
```

# Pattern Programming

Q:8

**LEVEL-I**

```
Enter the number of Rows:  
7
```

```
      *  
      *  
      *  
*  *  *  *  *  *  *  
      *  
      *  
      *
```

**Important  
Don't leave it...!!**



# Pattern Programming

## LEVEL-I

Q:9

Enter the number of Rows:

11

```
* * * * * * * * * * *
* *           *           * *
*   *         *         *   *
*       *     *       *       *
*           * * *         *
* * * * * * * * * * *
*           * * *         *
*       *     *       *       *
*   *         *         *   *
* *           *           * *
* * * * * * * * * * *
```

# Pattern Programming

## LEVEL-I

Q:10

```
Enter the number of Rows:
11
* * * * *
*  *      *
*   *     *
*    *    *
*     *   *
*      *  *
* * * * *
*   *   *
*    *  *
*     *  *
*      *  *
* * * * *
**
**
**
**
**
**
**
**
**
**
**
```

# Pattern Programming

Q:11

**LEVEL-I**

Enter the Number of Rows:  
5

```
*      * * *
*      *
* * * * *
      * *
* * * *
```

**Important  
Don't leave it...!!**

# Pattern Programming

Q:12

**LEVEL-I**

Enter the number of Rows:

5

(1,1)	(1,2)	(1,3)	(1,4)	(1,5)
(2,1)	(2,2)	(2,3)	(2,4)	(2,5)
(3,1)	(3,2)	(3,3)	(3,4)	(3,5)
(4,1)	(4,2)	(4,3)	(4,4)	(4,5)
(5,1)	(5,2)	(5,3)	(5,4)	(5,5)

**Important  
Don't leave it...!!**

# Pattern Programming

Q:13

**LEVEL-II**

```
Enter the no of Rows:
7
*
* *
* * *
* * * *
* * * * *
* * * * * *
* * * * * *
```

**Important  
Don't leave it...!!**

# Pattern Programming

Q:14

LEVEL-II

```
Enter the no of Rows:
7
* * * * *
* * * *
* * *
* *
*
*
*
```

# Pattern Programming

## LEVEL-II

Q:15

```
Enter the no of Rows:
7

      *
     **
    ***
   ****
  *****
 *****
*****
```

**Important  
Don't leave it...!!**

# Pattern Programming

Q:16

**LEVEL-II**

Enter the no of Rows:

7

```
* * * * *
  * * * *
    * * *
      * *
        *
          *
            *
```



# Pattern Programming

## LEVEL-II

Q:17

```
Enter the Number of Rows:
7
1
2 2
3 3 3
4 4 4 4
5 5 5 5 5
6 6 6 6 6 6
7 7 7 7 7 7 7
```

# Pattern Programming

## LEVEL-II

Q:18

```
Enter the Number of Rows:
7
1
0 0
1 1 1
0 0 0 0
1 1 1 1 1
0 0 0 0 0 0
1 1 1 1 1 1 1
```

# Pattern Programming

## LEVEL-II

Q:19

```
Enter the Number of Rows:
7
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
1 2 3 4 5 6
1 2 3 4 5 6 7
```

# Pattern Programming

Q:20

LEVEL-II

```
Enter the Number of Rows:
7
1
1 0
1 0 1
1 0 1 0
1 0 1 0 1
1 0 1 0 1 0
1 0 1 0 1 0 1
```

Important  
Don't leave it...!!

# Pattern Programming

Q:21

**LEVEL-II**

```
Enter the Number of Rows:
```

```
7
```

```
7
```

```
6 6
```

```
5 5 5
```

```
4 4 4 4
```

```
3 3 3 3 3
```

```
2 2 2 2 2 2
```

```
1 1 1 1 1 1 1
```

# Pattern Programming

## LEVEL-II

Q:22

```
Enter the Number of Rows:
7
1
2 1
3 2 1
4 3 2 1
5 4 3 2 1
6 5 4 3 2 1
7 6 5 4 3 2 1
```

# Pattern Programming

## LEVEL-II

Q:23

```
Enter the Number of Rows:
5
1
2   3
4   5   6
7   8   9   10
11  12  13  14  15
```

# Pattern Programming

## LEVEL-II

Q:24

Enter the Number of Rows:

5

1

3

2

6

5

4

10

9

8

7

15

14

13

12

11



# Pattern Programming

Q:25

**LEVEL-II**

```
Enter the Number of Rows:
5
15
13    14
10    11    12
6      7      8      9
1      2      3      4      5
```

# Pattern Programming

## LEVEL-II

Q:26

```
Enter the Number of Rows:
5
15
14 13
12 11 10
9 8 7 6
5 4 3 2 1
```

# Pattern Programming

## LEVEL-II

Q:27

```
Enter the Number of Rows:
5
A
B C
D E F
G H I J
K L M N O
```

# Pattern Programming

## LEVEL-II

Q:28

Enter the Number of Rows:

5

O

N      M

L      K      J

I      H      G      F

E      D      C      B      A

# Pattern Programming

Q:29

LEVEL-II

Enter the Number of Rows:

5

A

B      B

C      C      C

D      D      D      D

E      E      E      E      E

# Pattern Programming

## LEVEL-II

Q:30

Enter the Number of Rows:

5

A

A      B

A      B      C

A      B      C      D

A      B      C      D      E

# Pattern Programming

## LEVEL-II

Q:31

Enter the Number of Rows:

5

E

D

D

C

C

C

B

B

B

B

A

A

A

A

A

# Pattern Programming

## LEVEL-II

Q:32

Enter the Number of Rows:

5

A

B     A

C     B     A

D     C     B     A

E     D     C     B     A



# Pattern Programming

## LEVEL-II

Q:33

Enter the Number of Rows:

7

```

          1
        2 2
      3 3 3
    4 4 4 4
  5 5 5 5 5
6 6 6 6 6 6
7 7 7 7 7 7 7
```

# Pattern Programming

## LEVEL-II

Q:34

Enter the Number of Rows:  
7

```

          1
        0 0
      1 1 1
    0 0 0 0
  1 1 1 1 1
0 0 0 0 0 0
1 1 1 1 1 1 1
```

# Pattern Programming

## LEVEL-II

Q:35

```
Enter the Number of Rows:  
7
```

```
          1  
        1 2  
      1 2 3  
    1 2 3 4  
  1 2 3 4 5  
1 2 3 4 5 6  
1 2 3 4 5 6 7
```

# Pattern Programming

Q:36

**LEVEL-II**

Enter the Number of Rows:

7

```

          1
        1 0
      1 0 1
    1 0 1 0
  1 0 1 0 1
1 0 1 0 1 0
1 0 1 0 1 0 1
```

**Important  
Don't leave it...!!**

# Pattern Programming

Q:37

LEVEL-II

Enter the Number of Rows:

7

```

                1
              2  3
            4  5  6
          7  8  9 10
        11 12 13 14 15
      16 17 18 19 20 21
    22 23 24 25 26 27 28
```

# Pattern Programming

## LEVEL-II

Q:38

Enter the Number of Rows:

7

```

                28
              27 26
            25 24 23
          22 21 20 19
        18 17 16 15 14
      13 12 11 10 9 8
    7  6  5  4  3  2  1
```

# Pattern Programming

Q:39

LEVEL-II

```
Enter the Number of Rows:
7
      7
     6 6
    5 5 5
   4 4 4 4
  3 3 3 3 3
 2 2 2 2 2 2
1 1 1 1 1 1 1
```

# Pattern Programming

## LEVEL-II

Q:40

Enter the Number of Rows:

7

```

              1
            2 1
          3 2 1
        4 3 2 1
      5 4 3 2 1
    6 5 4 3 2 1
  7 6 5 4 3 2 1
```



# Pattern Programming

## LEVEL-II

Q:41

Enter the Number of Rows:

5

```

          1
        3 2
      6 5 4
    10 9 8 7
  15 14 13 12 11
```

# Pattern Programming

Q:42

LEVEL-II

```
Enter the Number of Rows:
5

      15
    13 14
  10 11 12
 6 7 8 9
1 2 3 4 5
```

# Pattern Programming

## LEVEL-II

Q:43

Enter the Number of Rows:

5

```

                A
            B    B
        C    C    C
    D    D    D    D
E    E    E    E    E
```

# Pattern Programming

## LEVEL-II

Q:44

Enter the Number of Rows:

5

```

                                     A
                                A   B
                           A   B   C
                        A   B   C   D
A   B   C   D   E
```

# Pattern Programming

## LEVEL-II

Q:45

Enter the Number of Rows:

5

```

      A
    B  C
  D  E  F
G  H  I  J
K  L  M  N  O
```

# Pattern Programming

## LEVEL-II

Q:46

Enter the Number of Rows:

5

				O
			N	M
		L	K	J
	I	H	G	F
E	D	C	B	A

# Pattern Programming

Q:47

LEVEL-II

Enter the Number of Rows:

5

```

                E
            D   D
        C   C   C
    B   B   B   B
A   A   A   A   A
```

# Pattern Programming

## LEVEL-II

Q:48

Enter the Number of Rows:

5

				A
			B	A
		C	B	A
	D	C	B	A
E	D	C	B	A



# Pattern Programming

## LEVEL-II

Q:49

Enter the Number of Rows:

5

```

                A
            C    B
        F    E    D
    J    I    H    G
O    N    M    L    K
```

# Pattern Programming

## LEVEL-II

Q:50

Enter the Number of Rows:

5

				O
			M	N
		J	K	L
	F	G	H	I
A	B	C	D	E

# Pattern Programming

Q:51

**LEVEL-II**

```
Enter the number of Rows:
7
      *
     * *
    * * *
   * * * *
  * * * * *
 * * * * *
* * * * *
```

**Important  
Don't leave it..!!**

# Pattern Programming

## LEVEL-II

Q:52

Enter the Number of Rows:

5

1

2

2

3

3

3

4

4

4

4

5

5

5

5

5

**Important  
Don't leave it...!!**

# Pattern Programming

Q:53

**LEVEL-II**

```
Enter the Number of Rows:
5
      1
     0 0
    1 1 1
   0 0 0 0
  1 1 1 1 1
```

**Important  
Don't leave it...!!**

# Pattern Programming

Q:54

**LEVEL-II**

```
Enter the Number of Rows:
5

      1
     1 2
    1 2 3
   1 2 3 4
  1 2 3 4 5
```

**Important  
Don't leave it...!!**

# Pattern Programming

Q:55

**LEVEL-II**

```
Enter the Number of Rows:
5

      1
     1 0
    1 0 1
   1 0 1 0
  1 0 1 0 1
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:56

Enter the Number of Rows:

5

```
      1
     2 3
    4 5 6
   7 8 9 10
  11 12 13 14 15
```



# Pattern Programming

## LEVEL-II

Q:57

Enter the Number of Rows:

5

```
      15
    14 13
  12 11 10
9  8  7  6
5  4  3  2  1
```

# Pattern Programming

## LEVEL-II

Q:58

Enter the Number of Rows:

5

```
      1
     2 1
    3 2 1
   4 3 2 1
  5 4 3 2 1
```

# Pattern Programming

Q:59

**LEVEL-II**

Enter the Number of Rows:

5

```
      5
    5  4
  5  4  3
5  4  3  2
5  4  3  2  1
```

# Pattern Programming

## LEVEL-II

Q:60

```
Enter the Number of Rows:
5
      5
     4 4
    3 3 3
   2 2 2 2
  1 1 1 1 1
```

# Pattern Programming

## LEVEL-II

Q:61

Enter the Number of Rows:

5

```
      A
     B  B
    C  C  C
   D  D  D  D
  E  E  E  E  E
```

# Pattern Programming

## LEVEL-II

Q:62

Enter the Number of Rows:

5

```
      A
     A B
    A B C
   A B C D
  A B C D E
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:63

Enter the Number of Rows:

5

```
      E
     D  D
    C  C  C
   B  B  B  B
  A  A  A  A  A
```

# Pattern Programming

## LEVEL-II

Q:64

Enter the Number of Rows:

5

```
      A
     B  A
    C   B  A
   D    C  B  A
  E     D  C  B  A
```



# Pattern Programming

## LEVEL-II

Q:65

```
Enter the Number of Rows:
5

      A
     B C
    D E F
   G H I J
  K L M N O
```

# Pattern Programming

## LEVEL-II

Q:66

```
Enter the Number of Rows:  
5
```

```
      O  
    N  M  
  L   K   J  
I   H   G   F  
E   D   C   B   A
```

# Pattern Programming

Q:67

**LEVEL-II**

Enter the number of Rows:  
7

```

          *
        * * *
      * * * * *
    * * * * * *
  * * * * * * *
* * * * * * * *
* * * * * * * *
* * * * * * * *
```

**Important  
Don't leave it..!!**

# Pattern Programming

Q:68

**LEVEL-II**

Enter the Number of Rows:

5

```
      1
     2 2 2
    3 3 3 3 3
   4 4 4 4 4 4 4
  5 5 5 5 5 5 5 5 5
```

**Important  
Don't leave it...!!**

# Pattern Programming

Q:69

**LEVEL-II**

```
Enter the Number of Rows:
5

      1
    0 0 0
  1 1 1 1 1
0 0 0 0 0 0 0
1 1 1 1 1 1 1 1 1
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:70

```
Enter the Number of Rows:
5
      5
    4 4 4
  3 3 3 3 3
2 2 2 2 2 2 2
1 1 1 1 1 1 1 1 1
```

# Pattern Programming

Q:71

**LEVEL-II**

Enter the Number of Rows:

5

```

      1
    1 2 3
  1 2 3 4 5
1 2 3 4 5 6 7
1 2 3 4 5 6 7 8 9
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:72

Enter the Number of Rows:

5

```
      1
    1 0 1
  1 0 1 0 1
1 0 1 0 1 0 1
1 0 1 0 1 0 1 0 1
```

**Important  
Don't leave it...!!**



# Pattern Programming

## LEVEL-II

Q:73

Enter the Number of Rows:

5

```

          1
        3 2 1
      5 4 3 2 1
    7 6 5 4 3 2 1
  9 8 7 6 5 4 3 2 1
```

# Pattern Programming

## LEVEL-II

Q:74

Enter the Number of Rows:

5

```

          1
        2 3 4
      5 6 7 8 9
    10 11 12 13 14 15 16
  17 18 19 20 21 22 23 24 25
```

**Important  
Don't leave it..!!**

# Pattern Programming

## LEVEL-II

Q:75

Enter the Number of Rows:

5

```

                25
            24 23 22
        21 20 19 18 17
    16 15 14 13 12 11 10
9  8  7  6  5  4  3  2  1
```

# Pattern Programming

Q:76

LEVEL-II

Enter the Number of Rows:

5

```

          1
        1 2 1
      1 2 3 2 1
    1 2 3 4 3 2 1
  1 2 3 4 5 4 3 2 1
```

**Important  
Don't leave it..!!**

# Pattern Programming

## LEVEL-II

Q:77

Enter the Number of Rows:

5

```

          5
        5 4 5
      5 4 3 4 5
    5 4 3 2 3 4 5
  5 4 3 2 1 2 3 4 5
```

# Pattern Programming

Q:78

LEVEL-II

```
Enter the Number of Rows:
5
      5
    4 5 4
  3 4 5 4 3
2 3 4 5 4 3 2
1 2 3 4 5 4 3 2 1
```

# Pattern Programming

Q:79

**LEVEL-II**

Enter the Number of Rows:

5

```

          1
        2 1 2
      3 2 1 2 3
    4 3 2 1 2 3 4
  5 4 3 2 1 2 3 4 5
```

**Important  
Don't leave it..!!**

# Pattern Programming

Q:80

**LEVEL-II**

Enter the Number of Rows:

5

```

          0
        1 0 1
      2 1 0 1 2
    3 2 1 0 1 2 3
  4 3 2 1 0 1 2 3 4
```

**Important  
Don't leave it..!!**



# Pattern Programming

Q:81

**LEVEL-II**

Enter the Number of Rows:

5

```

          1
        2 3 2
      3 4 5 4 3
    4 5 6 7 6 5 4
  5 6 7 8 9 8 7 6 5
```

# Pattern Programming

Q:82

**LEVEL-II**

Enter the Number of Rows:

5

```

          0
        1  0  2
      3  4  0  5  6
    7  8  9  0 10 11 12
 13 14 15 16 0 17 18 19 20
```

# Pattern Programming

Q:83

**LEVEL-II**

Enter the Number of Rows:

5

```

          1
        1 1 2
      3 4 1 5 6
    7 8 9 1 10 11 12
  13 14 15 16 1 17 18 19 20
```

**Important  
Don't leave it..!!**

# Pattern Programming

Q:84

**LEVEL-II**

Enter the Number of Rows:

5

```
      A
     B C D
    E F G H I
   J K L M N O P
  Q R S T U V W X Y
```

# Pattern Programming

Q:85

**LEVEL-II**

Enter the Number of Rows:

5

```
      Y
    X W V
  U T S R Q
P O N M L K J
I H G F E D C B A
```

# Pattern Programming

Q:86

**LEVEL-II**

Enter the Number of Rows:

5

```
      A
    B B B
  C C C C C
D D D D D D D
E E E E E E E E
```

# Pattern Programming

Q:87

LEVEL-II

Enter the Number of Rows:

5

A

A B C

A B C D E

A B C D E F G

A B C D E F G H I

# Pattern Programming

Q:88

LEVEL-II

Enter the Number of Rows:

5

```
      E
    D D D
  C C C C C
B B B B B B B
A A A A A A A A A
```



# Pattern Programming

Q:89

**LEVEL-II**

Enter the Number of Rows:

5

```
      A
    C B A
  E D C B A
G F E D C B A
I H G F E D C B A
```

# Pattern Programming

Q:90

**LEVEL-II**

Enter the Number of Rows:

5

```
      A
    A B A
  A B C B A
A B C D C B A
A B C D E D C B A
```

**Important  
Don't leave it...!!**

# Pattern Programming

Q:91

**LEVEL-II**

```
Enter the Number of Rows:
```

```
5
```

```
      A
    B C B
  C D E D C
D E F G F E D
E F G H I H G F E
```

# Pattern Programming

Q:92

**LEVEL-II**

```
Enter the Number of Rows:  
5
```

```
      A  
    B A B  
  C B A B C  
D C B A B C D  
E D C B A B C D E
```

**Important  
Don't leave it...!!**

# Pattern Programming

Q:93

**LEVEL-II**

Enter the number of Rows:

7

```
*   *   *   *   *   *   *  
  *   *   *   *   *   *  
   *   *   *   *   *  
    *   *   *   *  
     *   *   *  
      *   *  
       *
```

**Important  
Don't leave it...!!**

# Pattern Programming

Q:94

**LEVEL-II**

Enter the Number of Rows:

5

1       1       1       1       1

2       2       2       2

3       3       3

4       4

5

**Important  
Don't leave it...!!**

# Pattern Programming

Q:95

**LEVEL-II**

Enter the Number of Rows:

5

```
1   1   1   1   1
  0   0   0   0
   1   1   1
    0   0
     1
```

**Important  
Don't leave it...!!**

# Pattern Programming

Q:96

**LEVEL-II**

Enter the Number of Rows:

5

1      2      3      4      5

    1      2      3      4

        1      2      3

            1      2

                1



# Pattern Programming

Q:97

**LEVEL-II**

```
Enter the Number of Rows:
5
1   0   1   0   1
  1   0   1   0
    1   0   1
      1   0
        1
```

**Important  
Don't leave it...!!**

# Pattern Programming

Q:98

**LEVEL-II**

```
Enter the Number of Rows:
5
1   2   3   4   5
  6   7   8   9
    10  11  12
      13  14
        15
```

# Pattern Programming

Q:99

**LEVEL-II**

```
Enter the Number of Rows:
```

```
5
```

```
15  14  13  12  11
```

```
  10   9   8   7
```

```
    6    5    4
```

```
      3    2
```

```
        1
```

# Pattern Programming

## LEVEL-II

Q:100

Enter the Number of Rows:

5

A      A      A      A      A

  B      B      B      B

    C      C      C

     D      D

        E

# Pattern Programming

## LEVEL-II

Q:101

Enter the Number of Rows:

5

A B C D E

A B C D

A B C

A B

A

# Pattern Programming

## LEVEL-II

Q:102

```
Enter the Number of Rows:
5
A      B      C      D      E
  F      G      H      I
    J      K      L
      M      N
        O
```

# Pattern Programming

## LEVEL-II

Q:103

Enter the Number of Rows:

5

O       N       M       L       K

  J       I       H       G

    F       E       D

     C       B

        A

# Pattern Programming

## LEVEL-II

Q:104

Enter the Number of Rows:

5

```
E      E      E      E      E
  D    D    D    D
    C    C    C
      B    B
        A
```



# Pattern Programming

## LEVEL-II

Q:105

Enter the Number of Rows:

5

E       D       C       B       A

     D       C       B       A

         C       B       A

             B       A

                 A

# Pattern Programming

## LEVEL-II

Q:106

```
Enter the number of Rows:
7
* * * * *
  * * * *
    * * *
      * *
        *
          *
            *
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:107

Enter the Number of Rows:

5

1 1 1 1 1 1 1 1

2 2 2 2 2 2

3 3 3 3

4 4 4

5

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:108

Enter the Number of Rows:

5

```
1 1 1 1 1 1 1 1 1
  0 0 0 0 0 0 0
    1 1 1 1 1
      0 0 0
        1
```

# Pattern Programming

## LEVEL-II

Q:109

Enter the Number of Rows:

5

1 2 3 4 5 6 7 8 9

1 2 3 4 5 6 7

1 2 3 4 5

1 2 3

1

# Pattern Programming

## LEVEL-II

Q:110

Enter the Number of Rows:

5

```
1 0 1 0 1 0 1 0 1
 1 0 1 0 1 0 1
   1 0 1 0 1
    1 0 1
     1
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:111

Enter the Number of Rows:

5

```
1   2   3   4   5   6   7   8   9
    10  11  12  13  14  15  16
      17  18  19  20  21
        22  23  24
          25
```

# Pattern Programming

## LEVEL-II

Q:112

```
Enter the Number of Rows:
5
25  24  23  22  21  20  19  18  17
   16  15  14  13  12  11  10
      9   8   7   6   5
         4   3   2
            1
```



# Pattern Programming

## LEVEL-II

Q:113

Enter the Number of Rows:

5

5 5 5 5 5 5 5 5 5

4 4 4 4 4 4 4

3 3 3 3 3

2 2 2

1

# Pattern Programming

## LEVEL-II

Q:114

Enter the Number of Rows:

5

9    8    7    6    5    4    3    2    1

     7    6    5    4    3    2    1

         5    4    3    2    1

             3    2    1

                 1

# Pattern Programming

## LEVEL-II

Q:115

Enter the Number of Rows:

5

```
1  2  3  4  5  4  3  2  1
  1  2  3  4  3  2  1
    1  2  3  2  1
      1  2  1
        1
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:116

Enter the Number of Rows:

5

```
1  2  3  4  5  4  3  2  1
  2  3  4  5  4  3  2
   3  4  5  4  3
    4  5  4
     5
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:117

Enter the Number of Rows:

5

4	3	2	1	0	1	2	3	4
	3	2	1	0	1	2	3	
		2	1	0	1	2		
			1	0	1			
				0				

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:118

Enter the Number of Rows:

5

```
5  4  3  2  1  2  3  4  5
   4  3  2  1  2  3  4
    3  2  1  2  3
     2  1  2
      1
```

**Important  
Don't leave it..!!**

# Pattern Programming

## LEVEL-II

Q:119

Enter the Number of Rows:

5

A A A A A A A A A

B B B B B B B

C C C C C

D D D

E

# Pattern Programming

## LEVEL-II

Q:120

```
Enter the Number of Rows:
5
A B C D E F G H I
  A B C D E F G
    A B C D E
      A B C
        A
```



# Pattern Programming

## LEVEL-II

Q:121

Enter the Number of Rows:

5

```
A B C D E F G H I
  J K L M N O P
    Q R S T U
      V W X
        Y
```

# Pattern Programming

## LEVEL-II

Q:122

Enter the Number of Rows:

5

```
Y X W V U T S R Q
  P O N M L K J
    I H G F E
      D C B
        A
```

# Pattern Programming

## LEVEL-II

Q:123

Enter the Number of Rows:

5

E E E E E E E E E

D D D D D D D

C C C C C

B B B

A

# Pattern Programming

## LEVEL-II

Q:124

Enter the Number of Rows:

5

I H G F E D C B A

G F E D C B A

E D C B A

C B A

A

# Pattern Programming

## LEVEL-II

Q:125

Enter the Number of Rows:

5

E D C B A B C D E

D C B A B C D

C B A B C

B A B

A

# Pattern Programming

## LEVEL-II

Q:126

Enter the Number of Rows:

5

A B C D E D C B A

A B C D C B A

A B C B A

A B A

A

# Pattern Programming

## LEVEL-II

Q:127

```
Enter the Number of Rows:
9
*
*  *
*  *  *
*  *  *  *
*  *  *  *  *
*  *  *  *
*  *  *
*  *
*
```

# Pattern Programming

## LEVEL-II

Q:128

Enter the Number of Rows:

9

```

          *
        * *
      * * *
    * * * *
  * * * * *
* * * * *
  * * * *
    * * *
      * *
        *
```



# Pattern Programming

## LEVEL-II

Q:129

```
Enter the Number of Rows:
7

      *
     * *
    * * *
   * * * *
  * * * * *
 * * * * *
* * * * *
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:130

Enter the Number of Rows:

7

```
      1
     2  2
    3  3  3
   4  4  4  4
  5  5  5  5
   6  6
      7
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:131

Enter the Number of Rows:

7

```
      1
     0  0
    1  1  1
   0  0  0  0
    1  1  1
     0  0
      1
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:132

```
Enter the Number of Rows:
7

      1
     1 2
    1 2 3
   1 2 3 4
  1 2 3
   1 2
    1
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:133

Enter the Number of Rows:

7

```
      1
     1 0
    1 0 1
   1 0 1 0
  1 0 1 0
   1 0 1
    1 0
     1
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:134

```
Enter the Number of Rows:
7
      1
     2  3
    4  5  6
   7  8  9 10
  11 12 13
   14 15
    16
```

# Pattern Programming

## LEVEL-II

Q:135

```
Enter the Number of Rows:
7

      16
     15 14
    13 12 11
   10 9 8 7
  6 5 4
 3 2
 1
```

# Pattern Programming

## LEVEL-II

Q:136

```
Enter the Number of Rows:
7
      1
     2 2
    3 3 3
   4 4 4 4
  3 3 3 3
 2 2
 1
```

**Important  
Don't leave it...!!**



# Pattern Programming

## LEVEL-II

Q:137

Enter the Number of Rows:

7

```

      7
     6 6
    5 5 5
   4 4 4 4
  3 3 3
 2 2
 1
```

# Pattern Programming

## LEVEL-II

Q:138

Enter the Number of Rows:  
7

```
      3
    2  2
  1   1   1
0  0   0   0
  1   1   1
    2  2
      3
```

# Pattern Programming

## LEVEL-II

Q:139

Enter the Number of Rows:  
7

```
      4
     3 3
    2 2 2
   1 1 1 1
  2 2 2
   3 3
      4
```

# Pattern Programming

## LEVEL-II

Q:140

Enter the Number of Rows:  
7

```
      A
     B  B
    C   C   C
   D    D    D    D
  E     E     E
 F      F
      G
```

# Pattern Programming

## LEVEL-II

Q:141

Enter the Number of Rows:  
7

```
      A
    A  B
  A    B  C
A      B  C  D
    A    B  C
      A  B
        A
```

# Pattern Programming

## LEVEL-II

Q:142

Enter the Number of Rows:  
7

```
      A
     B  B
    C  C  C
   D  D  D  D
  C  C  C
   B  B
      A
```

# Pattern Programming

## LEVEL-II

Q:143

```
Enter the Number of Rows:
7

      D
     C  C
    B  B  B
   A  A  A  A
  B  B  B
   C  C
      D
```

# Pattern Programming

## LEVEL-II

Q:144

Enter the Number of Rows:

7

```
      A
     B  C
    D   E  F
   G  H   I  J
  K   L   M
   N   O
    P
```



# Pattern Programming

## LEVEL-II

Q:145

Enter the Number of Rows:

7

```
      P
    O  N
  M   L   K
J    I   H   G
  F   E   D
    C   B
      A
```

# Pattern Programming

## LEVEL-II

Q:146

Enter the Number of Rows:  
7

```
      *
```

```
    * * *
```

```
  * * * * *
```

```
* * * * * *
```

```
  * * * * *
```

```
    * * *
```

```
      *
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:147

Enter the Number of Rows:

7

```
      1
     2 2 2
    3 3 3 3 3
   4 4 4 4 4 4 4
  5 5 5 5 5
   6 6 6
    7
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:148

Enter the Number of Rows:

7

```
      1
    0 0 0
  1 1 1 1 1
0 0 0 0 0 0 0
  1 1 1 1 1
    0 0 0
      1
```

# Pattern Programming

## LEVEL-II

Q:149

```
Enter the Number of Rows:  
7
```

```
      1  
    1 2 3  
  1 2 3 4 5  
1 2 3 4 5 6 7  
  1 2 3 4 5  
    1 2 3  
      1
```

# Pattern Programming

## LEVEL-II

Q:150

Enter the Number of Rows:  
7

```
      1
    1 0 1
  1 0 1 0 1
1 0 1 0 1 0 1
  1 0 1 0 1
    1 0 1
      1
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:151

```
Enter the Number of Rows:  
7
```

```
      1  
    2 3 4  
  5 6 7 8 9  
10 11 12 13 14 15 16  
  17 18 19 20 21  
    22 23 24  
      25
```

# Pattern Programming

## LEVEL-II

Q:152

```
Enter the Number of Rows:  
7
```

```
      25  
    24 23 22  
  21 20 19 18 17  
16 15 14 13 12 11 10  
   9  8  7  6  5  
    4  3  2  
     1
```



# Pattern Programming

## LEVEL-II

Q:153

Enter the Number of Rows:

7

```

      7
    6 6 6
  5 5 5 5 5
4 4 4 4 4 4 4
  3 3 3 3 3
    2 2 2
      1
```

# Pattern Programming

## LEVEL-II

Q:154

Enter the Number of Rows:

7

```

      1
    3 2 1
  5 4 3 2 1
7 6 5 4 3 2 1
  5 4 3 2 1
    3 2 1
      1
```

# Pattern Programming

## LEVEL-II

Q:155

Enter the Number of Rows:

7

```

      1
    2 2 2
  3 3 3 3
4 4 4 4 4 4
  3 3 3 3
    2 2 2
      1
```

# Pattern Programming

## LEVEL-II

Q:156

```
Enter the Number of Rows:  
7
```

```
      3  
    2 2 2  
  1 1 1 1 1  
0 0 0 0 0 0 0  
  1 1 1 1 1  
    2 2 2  
      3
```

# Pattern Programming

## LEVEL-II

Q:157

```
Enter the Number of Rows:  
7
```

```
          4  
        3 3 3  
      2 2 2 2 2  
    1 1 1 1 1 1 1  
      2 2 2 2 2  
        3 3 3  
          4
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:158

Enter the Number of Rows:

7

```

      1
    1 2 1
  1 2 3 2 1
1 2 3 4 3 2 1
  1 2 3 2 1
    1 2 1
      1
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:159

```
Enter the Number of Rows:  
7
```

```
      0  
    1 0 1  
  2 1 0 1 2  
3 2 1 0 1 2 3  
  2 1 0 1 2  
    1 0 1  
      0
```

# Pattern Programming

## LEVEL-II

Q:160

Enter the Number of Rows:

7

```

          1
        2 1 2
      3 2 1 2 3
    4 3 2 1 2 3 4
      3 2 1 2 3
        2 1 2
          1
```

**Important  
Don't leave it...!!**



# Pattern Programming

## LEVEL-II

Q:161

```
Enter the Number of Rows:
7
      1
    1 1 2
  3 4 1 5 6
7 8 9 1 10 11 12
  13 14 1 15 16
    17 1 18
      1
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:162

Enter the Number of Rows:

7

```

      0
    1 0 2
  3 4 0 5 6
7 8 9 0 10 11 12
 13 14 0 15 16
    17 0 18
      0
```

# Pattern Programming

## LEVEL-II

Q:163

```
Enter the Number of Rows:  
7
```

```
          0  
        1 0 2  
      3 4 0 5 6  
0 0 0 0 0 0 0  
  7 8 0 9 10  
    11 0 12  
      0
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:164

Enter the Number of Rows:

7

```

          1
        1 1 2
      3 4 1 5 6
    1 1 1 1 1 1 1
      7 8 1 9 10
        11 1 12
          1
```

# Pattern Programming

## LEVEL-II

Q:165

```
Enter the Number of Rows:  
7
```

```
      0  
    1 0 1  
  1 1 0 1 1  
0 0 0 0 0 0 0  
  1 1 0 1 1  
    1 0 1  
      0
```

# Pattern Programming

## LEVEL-II

Q:166

```
Enter the Number of Rows:  
7
```

```
      1  
    0 1 0  
  0 0 1 0 0  
1 1 1 1 1 1 1  
  0 0 1 0 0  
    0 1 0  
      1
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:167

Enter the Number of Rows:

7

```
      @
     * @ *
    * * @ * *
   @ @ @ @ @ @
  * * @ * *
     * @ *
      @
```

# Pattern Programming

## LEVEL-II

Q:168

Enter the Number of Rows:  
7

```
      *
```

```
    @  *  @
```

```
  @  @  *  @  @
```

```
*  *  *  *  *  *  *
```

```
  @  @  *  @  @
```

```
    @  *  @
```

```
      *
```



# Pattern Programming

## LEVEL-II

Q:169

Enter the Number of Rows:

7

```

          @
        1  @  2
      3 4  @  5  6
@  @  @  @  @  @  @
      7  8  @  9  10
        11 @  12
          @
```

# Pattern Programming

## LEVEL-II

Q:170

```
Enter the Number of Rows:
7
      *
    1 * 2
  3 4 * 5 6
* * * * *
  7 8 * 9 10
    11 * 12
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:171

```
Enter the Number of Rows:  
7
```

```
          @  
        1  @  2  
      3  4  @  5  6  
@  @  @  @  @  @  @  
    7  8  @  9  10  
      11 @  12
```

# Pattern Programming

## LEVEL-II

Q:172

```
Enter the Number of Rows:
7

      A
     B B B
    C C C C C
   D D D D D D D
  E E E E E
 F F F
  G
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:173

```
Enter the Number of Rows:  
7
```

```
      A  
    A B C  
  A B C D E  
A B C D E F G  
  A B C D E  
    A B C  
      A
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:174

```
Enter the Number of Rows:  
7
```

```
      A  
    B C D  
  E F G H I  
J K L M N O P  
  Q R S T U  
    V W X  
      Y
```

# Pattern Programming

## LEVEL-II

Q:175

```
Enter the Number of Rows:
7

      Y
     X W V
    U T S R Q
   P O N M L K J
  I H G F E
   D C B
    A
```

# Pattern Programming

## LEVEL-II

Q:176

```
Enter the Number of Rows:
7

      A
    B B B
  C C C C C
D D D D D D D
  C C C C C
    B B B
      A
```



# Pattern Programming

## LEVEL-II

Q:177

```
Enter the Number of Rows:  
7
```

```
      D  
    C C C  
  B B B B B  
A A A A A A A  
  B B B B B  
    C C C  
      D
```

# Pattern Programming

## LEVEL-II

Q:178

```
Enter the Number of Rows:  
7
```

```
      A  
    A B A  
  A B C B A  
A B C D C B A  
  A B C B A  
    A B A  
      A
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:179

```
Enter the Number of Rows:
7

      A
    B A B
  C B A B C
D C B A B C D
  C B A B C
    B A B
      A
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:180

```
Enter the Number of Rows:
7
* * * * *
  * * * *
    * * *
      *
    * * *
  * * * *
* * * * *
```

**Important  
Don't leave it..!!**

# Pattern Programming

## LEVEL-II

Q:181

Enter the Number of Rows:

7

1 1 1 1 1 1 1

2 2 2 2 2

3 3 3

4

5 5 5

6 6 6 6 6

7 7 7 7 7 7 7

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:182

Enter the Number of Rows:

7

```
1 1 1 1 1 1 1
  0 0 0 0 0
    1 1 1
      0
        1 1 1
          0 0 0 0 0
1 1 1 1 1 1 1
```

# Pattern Programming

## LEVEL-II

Q:183

Enter the Number of Rows:

7

1 2 3 4 5 6 7

1 2 3 4 5

1 2 3

1

1 2 3

1 2 3 4 5

1 2 3 4 5 6 7

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:184

Enter the Number of Rows:

7

```
1 0 1 0 1 0 1
 1 0 1 0 1
   1 0 1
    1
   1 0 1
  1 0 1 0 1
1 0 1 0 1 0 1
```

**Important  
Don't leave it...!!**



# Pattern Programming

## LEVEL-II

Q:185

Enter the Number of Rows:

7

```
1   2   3   4   5   6   7
    8   9  10  11  12
      13 14 15
        16
          17 18 19
            20 21 22 23 24
25 26 27 28 29 30 31
```

# Pattern Programming

## LEVEL-II

Q:186

```
Enter the Number of Rows:
7
31 30 29 28 27 26 25
  24 23 22 21 20
    19 18 17
      16
        15 14 13
          12 11 10 9 8
7 6 5 4 3 2 1
```

# Pattern Programming

## LEVEL-II

Q:187

Enter the Number of Rows:

7

```
1  2  3  4  3  2  1
   1  2  3  2  1
    1  2  1
     1
    1  2  1
   1  2  3  2  1
  1  2  3  4  3  2  1
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:188

Enter the Number of Rows:

7

3 2 1 0 1 2 3

2 1 0 1 2

1 0 1

0

1 0 1

2 1 0 1 2

3 2 1 0 1 2 3

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:189

Enter the Number of Rows:

7

4    3    2    1    2    3    4

3    2    1    2    3

2    1    2

1

2    1    2

3    2    1    2    3

4    3    2    1    2    3    4

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:190

Enter the Number of Rows:

7

```
1  1  1  1  1  1  1
   2  2  2  2  2
    3  3  3
     4
    3  3  3
   2  2  2  2  2
  1  1  1  1  1  1  1
```

# Pattern Programming

## LEVEL-II

Q:191

```
Enter the Number of Rows:
7
3  3  3  3  3  3  3
   2  2  2  2  2
    1  1  1
     0
    1  1  1
   2  2  2  2  2
  3  3  3  3  3  3
```

# Pattern Programming

## LEVEL-II

Q:192

Enter the Number of Rows:

7

4 4 4 4 4 4 4

3 3 3 3 3

2 2 2

1

2 2 2

3 3 3 3 3

4 4 4 4 4 4 4



# Pattern Programming

## LEVEL-II

Q:193

```
Enter the Number of Rows:
7
7  7  7  7  7  7  7
  6  6  6  6  6
    5  5  5
      4
        3  3  3
          2  2  2
            1  1  1
              1  1  1
```

# Pattern Programming

## LEVEL-II

Q:194

Enter the Number of Rows:

7

7    6    5    4    3    2    1

5    4    3    2    1

3    2    1

1

3    2    1

5    4    3    2    1

7    6    5    4    3    2    1

# Pattern Programming

## LEVEL-II

Q:195

```
Enter the Number of Rows:
7
A A A A A A A
  B B B B B
    C C C
      D
        E E E
          F F F F F
            G G G G G G G
```

# Pattern Programming

## LEVEL-II

Q:196

```
Enter the Number of Rows:
7
A B C D E F G
  A B C D E
    A B C
      A
        A B C
          A B C D E
A B C D E F G
```

# Pattern Programming

## LEVEL-II

Q:197

```
Enter the Number of Rows:
7
A B C D C B A
  A B C B A
    A B A
      A
    A B A
  A B C B A
A B C D C B A
```

# Pattern Programming

## LEVEL-II

Q:198

Enter the Number of Rows:

7

D C B A B C D

C B A B C

B A B

A

B A B

C B A B C

D C B A B C D

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:199

```
Enter the Number of Rows:
7
*           *
*  *       *  *
*  *  *   *  *  *
*  *  *  *  *  *  *
*  *  *   *  *  *
*  *       *  *
*           *
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:200

```
Enter the Number of Rows:
7
1           1
2      2      2      2
3    3    3    3    3    3
4  4  4  4  4  4  4
5 5 5 5 5 5 5
6 6      6      6
7           7
```



# Pattern Programming

## LEVEL-II

Q:201

Enter the Number of Rows:

7

```
1           1
0    0           0    0
1    1    1           1    1    1
0    0    0    0    0    0    0
1    1    1           1    1    1
0    0           0    0
1           1
```

# Pattern Programming

## LEVEL-II

Q:202

Enter the Number of Rows:

7

1 7

1 2 6 7

1 2 3 5 6 7

1 2 3 4 5 6 7

1 2 3 5 6 7

1 2 6 7

1 7

# Pattern Programming

## LEVEL-II

Q:203

Enter the Number of Rows:

7

```
1                1
1  0            0  1
1  0  1        1  0  1
1  0  1  0    1  0  1
1  0  1        1  0  1
1  0            0  1
1                1
```

# Pattern Programming

## LEVEL-II

Q:204

```
Enter the Number of Rows:
7
1                2
1      2          3      4
1      2      3      4      5      6
1      2      3      4      5      6      7
1      2      3          4      5      6
1      2                3      4
1
```

**Important  
Don't leave it..!!**

# Pattern Programming

## LEVEL-II

Q:205

```
Enter the Number of Rows:
7
1           1
1  2       2  1
1  2  3   3  2  1
1  2  3  4  3  2  1
1  2  3   3  2  1
1  2       2  1
1           1
```

# Pattern Programming

## LEVEL-II

Q:206

```
Enter the Number of Rows:
7
1                2
3    4            5    6
7    8    9        10  11  12
13  14  15  16  17  18  19
20  21  22        23  24  25
26  27            28  29
30                31
```

# Pattern Programming

## LEVEL-II

Q:207

```
Enter the Number of Rows:
7
31                30
29 28            27 26
25 24 23        22 21 20
19 18 17 16 15 14 13
12 11 10        9  8  7
6   5          4  3
2                1
```

# Pattern Programming

## LEVEL-II

Q:208

```
Enter the Number of Rows:
7
A             A
B  B         B  B
C  C  C     C  C  C
D  D  D  D  D  D  D
E  E  E     E  E  E
F  F         F  F
G             G
```

**Important  
Don't leave it...!!**



# Pattern Programming

## LEVEL-II

Q:209

```
Enter the Number of Rows :
7
A             G
A  B             F  G
A  B  C         E  F  G
A  B  C  D     E  F  G
A  B  C         E  F  G
A  B             F  G
A             G
```

# Pattern Programming

## LEVEL-II

Q:210

Enter the Number of Rows:

5

A B

C D E F

G H I J K

L M N O

P Q

# Pattern Programming

## LEVEL-II

Q:211

Enter the Number of Rows:

5

Q P

O N M L

K J I H G

F E D C

B A

# Pattern Programming

## LEVEL-II

Q:212

```
Enter the Number of Rows:
7
A             B
A B           C D
A B C         D E F
A B C D       E F G
A B C         D E F
A B           C D
A             B
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:213

```
Enter the Number of Rows:  
7
```

```
A           A  
A B         B A  
A B C       C B A  
A B C D     C B A  
A B C       C B A  
A B         B A  
A           A
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:214

Print the below series:

2 5 11 23 47 95 191 383 767 1535

**Important  
Don't leave it...!!**

# Pattern Programming

**Q:215**

**LEVEL-II**

Print the below series:

**3, 5, 9, 17, 33, ...**

# Pattern Programming

## LEVEL-II

**Q:216**

Print the below series:

**1, 2, 5, 26, 677, ...**



# Pattern Programming

## LEVEL-II

**Q:217**

Print the below series:

**1, 2, 6, 7, 21, 22, 66, ...**

# Pattern Programming

## LEVEL-II

Q:218

Print the below Fibonacci Series  
0, 1, 1, 2, 3, 5, 8, 13, 21, ...

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:219

Print the below Tribonacci Series:  
**0, 0, 1, 1, 2, 4, 7, 13, 24, ...**

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

**Q:220**

Print the below Series:

**2, 6, 12, 20, 30, 42, ...**

# Pattern Programming

## LEVEL-II

**Q:221**

Print the below Series:

**1, 3, 7, 15, 31, 63, ...**

# Pattern Programming

## LEVEL-II

**Q:222**

Print the below Series:

**1, 3, 7, 13, 21, ...**

# Pattern Programming

## LEVEL-II

Q:223

```
Enter the Number of Rows:
5
      *
     * *
    * * *
   * * * *
  * * * * *
```

# Pattern Programming

## LEVEL-II

Q:224

Enter the Number of Rows:

5

```
      *
     * *
    * * *
   * * * *
  * * * * *
 * * * * * *
```



# Pattern Programming

## LEVEL-II

Q:225

Enter the Number of Rows:  
7

```
      *
```

```
    * * *
```

```
  *   *   *
```

```
*     *     *
```

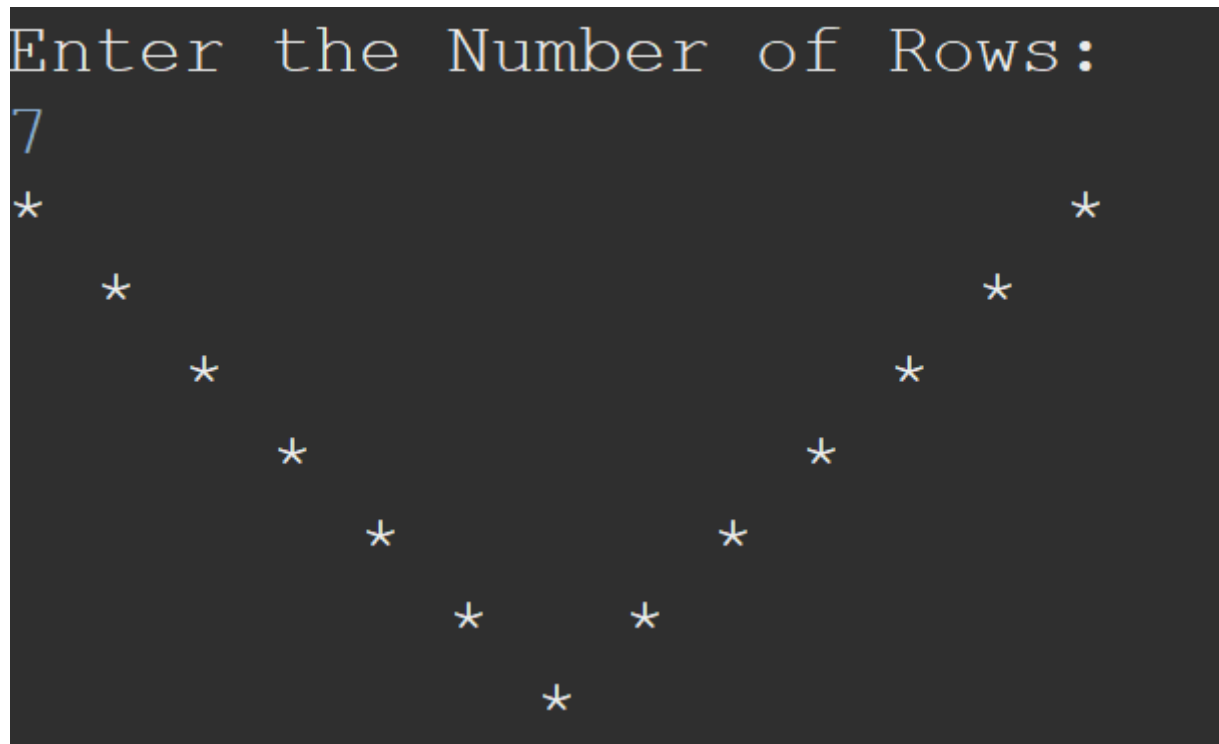
```
*   *   *   *
```

```
* * * * *
```

# Pattern Programming

## LEVEL-II

Q:226



# Pattern Programming

## LEVEL-II

Q:227

Enter the Number of Rows:

7

```
* * * * *
 *           *
  *         *
   *       *
    *     *
     *   *
      * *
       *
```

# Pattern Programming

## LEVEL-II

Q:228

```
Enter the Number of Rows:
7
* * * * *
  *       *
    *     *
      *   *
        * *
          *
            *
          * *
        *   *
      *     *
    *       *
  *         *
```

# Pattern Programming

## LEVEL-II

Q:229

```
Enter the Number of Rows:
9
      *
     * *
    *  *
   *    *
  *      *
 *        *
*          *
 *        *
  *      *
   *    *
    *  *
     * *
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:230

```
Enter the Number of Rows:
7
      1
     2 2
    3   3
   4    4
  5     5
 6      6
 7
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:231

```
Enter the Number of Rows:
7
      1
     2 2
    3   3
   4    4
  3     3
 2      2
 1
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:232

Enter the Number of Rows:

7

```
      A
     B  B
    C    C
   D      D
  E        E
 F          F
      G
```

**Important  
Don't leave it...!!**



# Pattern Programming

## LEVEL-II

Q:233

```
Enter the Number of Rows:
7

      A
     B B
    C   C
   D     D
  C       C
 B         B
      A
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-II

Q:234

```
Enter the Number of Rows:
9

      *
     * * *
    *   *   *
   *       *   *
  *         *       *
 *           *           *
* * * * * * * * * *
 *           *           *
  *         *       *
   *       *   *
    *   *   *
     * * *
      *
```

**Important  
Don't leave it...!!**

# Pattern Programming

Q:235

LEVEL-II

Enter the Number of Rows:

9

```
* * * *      * * * *  
* * *          * * *  
* *            * *  
*              *  
  
*              *  
* *            * *  
* * *          * * *  
* * * *      * * * *
```

# Pattern Programming

Q:236

**LEVEL-II**

Enter the Number of Rows:

9

```
* * * * *
* * *   * * *
* * *       * *
* *           *
*               *
* *           * *
* * *       * *
* * *   *   * *
* * * * *   *
```

# Pattern Programming

Q:237

**LEVEL-III**

Enter the Number of Rows:

7

1

3      2

4      5      6

10    9      8      7

11    12    13    14    15

21    20    19    18    17    16

22    23    24    25    26    27    28

# Pattern Programming

## LEVEL-III

Q:238

```
Enter the Number of Rows:
7
28
26  27
25  24  23
19  20  21  22
18  17  16  15  14
8   9   10  11  12  13
7   6   5   4   3   2   1
```

# Pattern Programming

## LEVEL-III

Q:239

Enter the Number of Rows:

7

1

2      13

3      12      14

4      11      15      22

5      10      16      21      23

6      9      17      20      24      27

7      8      18      19      25      26      28

# Pattern Programming

## LEVEL-III

Q:240

Enter the Number of Rows:

5

5

4     6

3     7     12

2     8     11     13

1     9     10     14     15



# Pattern Programming

## LEVEL-III

Q:241

Enter the Number of Rows:

7

28

27    16

26    17    15

25    18    14    7

24    19    13    8    6

23    20    12    9    5    2

22    21    11    10    4    3    1

# Pattern Programming

## LEVEL-III

Q:242

Enter the Number of Rows:

5

11

12 10

13 9 4

14 8 5 3

15 7 6 2 1

# Pattern Programming

## LEVEL-III

Q:243

Enter the Number of Rows:

5

A

C

B

D

E

F

J

I

H

G

K

L

M

N

O

# Pattern Programming

## LEVEL-III

Q:244

Enter the Number of Rows:

5

O

M

N

L

K

J

F

G

H

I

E

D

C

B

A

# Pattern Programming

## LEVEL-III

Q:245

Enter the Number of Rows:

5

A

B

I

C

H

J

D

G

K

N

E

F

L

M

O

# Pattern Programming

## LEVEL-III

Q:246

Enter the Number of Rows:

5

O

N        G

M       H       F

L       I       E       B

K       J       D       C       A

# Pattern Programming

## LEVEL-III

Q:247

Enter the Number of Rows:

5

```

          1
        2 3
      6 5 4
    7 8 9 10
  15 14 13 12 11
```

# Pattern Programming

## LEVEL-III

Q:248

Enter the Number of Rows:

5

```

                15
            14 13
        10 11 12
    9  8  7  6
1  2  3  4  5
```



# Pattern Programming

## LEVEL-III

Q:249

Enter the No of Rows:

5

```

          1
        9 2
      10 8 3
    14 11 7 4
  15 13 12 6 5
```

# Pattern Programming

## LEVEL-III

Q:250

ENter the No of Rows:

5

```

                    5
                  6 4
                12 7 3
              13 11 8 2
            15 14 10 9 1
```

# Pattern Programming

## LEVEL-III

Q:251

Enter the Number of Rows:

5

				15
			7	14
		6	8	13
	2	5	9	12
1	3	4	10	11

# Pattern Programming

## LEVEL-III

Q:252

Enter the Number of Rows:

5

				11
			10	12
		4	9	13
	3	5	8	14
1	2	6	7	15

# Pattern Programming

## LEVEL-III

Q:253

Enter the Number of Rows:

5

				A
			B	C
		F	E	D
	G	H	I	J
O	N	M	L	K

# Pattern Programming

## LEVEL-III

Q:254

Enter the Number of Rows:

5

				O
			N	M
		J	K	L
	I	H	G	F
A	B	C	D	E

# Pattern Programming

## LEVEL-III

Q:255

Enter the Number of Rows:

5

				A
			I	B
		J	H	C
	N	K	G	D
O	M	L	F	E

# Pattern Programming

Q:256

LEVEL-III

Enter the Number of Rows:

5

				E
			F	D
		L	G	C
	M	K	H	B
O	N	J	I	<u>A</u>



# Pattern Programming

## LEVEL-III

Q:257

Enter the Number of Rows:

5

				O
			G	N
		F	H	M
	B	E	I	L
A	C	D	J	K

# Pattern Programming

## LEVEL-III

Q:258

Enter the Number of Rows:

5

				K
			J	L
		D	I	M
	C	E	H	N
A	B	F	G	O

# Pattern Programming

## LEVEL-III

Q:259

Pascal Triangle:

```
Enter the nth Row:
7

      1
     1 1
    1 2 1
   1 3 3 1
  1 4 6 4 1
 1 5 10 10 5 1
1 6 15 20 15 6 1
1 7 21 35 35 21 7 1
```

**Important  
Don't leave it...!!**

# Pattern Programming

## LEVEL-III

Q:260

1	2	3	4	5
16	17	18	19	6
15	24	25	20	7
14	23	22	21	8
13	12	11	10	9

# Pattern Programming

## LEVEL-III

Q:261

```
Enter the no of Rows:
7
      * @ @ @ @
    * *           @
  * * *           @
* * * *           @
  * * *           @
    * *           *
      *           * * *
                * * *
                * *
                *
```

# Pattern Programming

Q:262

LEVEL-III

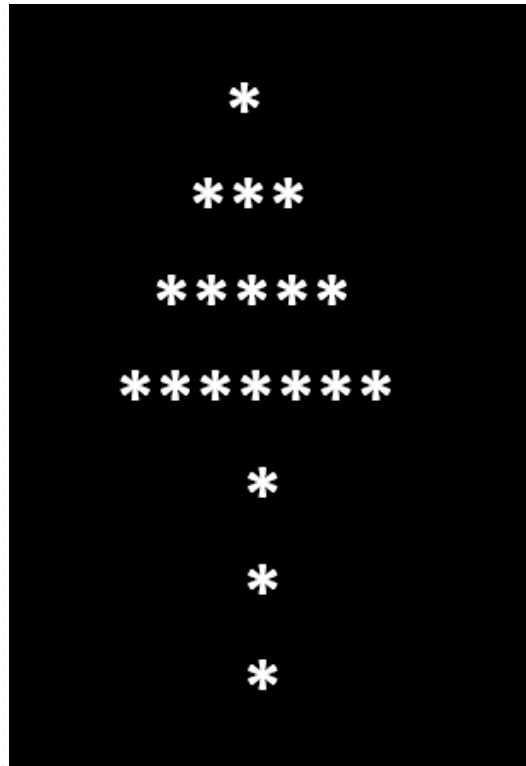
```
Enter the no of Rows:
7

      * @ @ @ @
    * *           @
  * * *           @
* * * *           @
  * * *           @
    * *           * * * * *
      * *         * * *
        *         *
                   *
```

# Pattern Programming

## LEVEL-III

Q:263



# Pattern Programming

## LEVEL-III

Q:264





# Pattern Programming

Q:265

**LEVEL-III**

```

      *           *           *
    ***         ***         ***
  *****     *****     *****
*****
*****
*****
  *           *           *
  *           *           *
  *           *           *
```

# Pattern Programming

# Q:266

**LEVEL-III**

```
*****  
***  
**  
*
```

# Pattern Programming

## LEVEL-III

Q:267

```

      *           *           *
      *           *           *
      *           *           *
*****
      *           *           *
      *           *           *
      *           *           *
      *           *           *

```

# Pattern Programming

## LEVEL-III

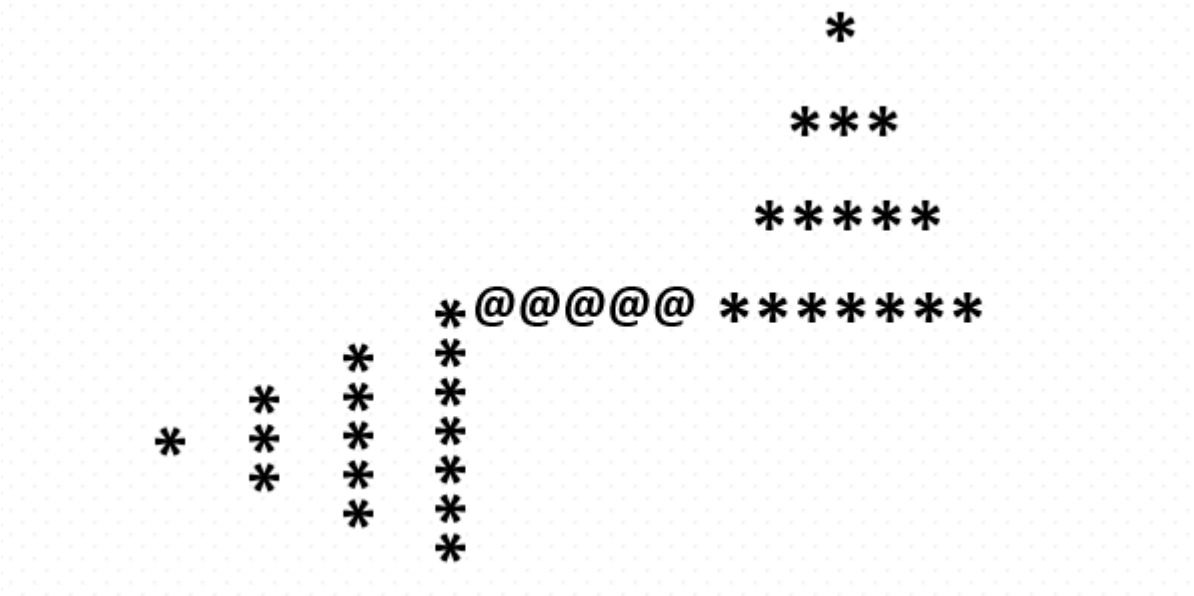
Q:268



# Pattern Programming

## LEVEL-III

Q:269



# Pattern Programming

# Q:270

**LEVEL-III**

[illegible]

# Pattern Programming

# Q:271

**LEVEL-III**

[illegible]

# Pattern Programming

Q:272

**LEVEL-III**

Enter the Number of Rows:

6

\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*

**Important  
Don't leave it...!!**



# Pattern Programming

Q:273

**LEVEL-III**

```
  **  **  
*****  
*****  
*****  
*****  
*****  
***  
*
```

**Important  
Don't leave it...!!**