

QSpiders | JSpiders | PySpiders, NOIDA

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

Pattern Programming Questions by Shambhu Sir



@javac\_java

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@kumarsam07

SHAMBHU KUMAR QSpiders | JSpiders, NOIDA

**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

Q:7

**LEVEL-I**

```
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

Q:9

LEVEL-I

Enter the number of Rows:

11

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

# Pattern Programming

## LEVEL-I

Q:10

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

# Pattern Programming

## LEVEL-I

Q:11

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

Q:19

**LEVEL-II**

```
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

Q:28

LEVEL-II

```
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

## LEVEL-II

Q:47

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

## LEVEL-II

Q:55

```
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
```

```

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

# Pattern Programming

Q:83

**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:84

**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:85

**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:86

**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:87

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:88

**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:89

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:90

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:91

**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:92

**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:93

**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:94

**LEVEL-II**

Enter the number of Rows:

7

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

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

# Pattern Programming

Q:95

**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:96

**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:97

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:98

**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:99

**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

## LEVEL-II

Q:100

```
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:101

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:102

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:103

```
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:104

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:105

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:106

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:107

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

**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

2 2 2 2 2 2

3 3 3 3

4 4 4

5

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

# Pattern Programming

## LEVEL-II

Q:109

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:110

```
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:111

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:112

```
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:113

```
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:114

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:115

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:116

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:117

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:118

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:119

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:120

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:121

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:122

```
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:123

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:124

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:125

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:126

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:127

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:128

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



# Pattern Programming

## LEVEL-II

Q:129

Enter the Number of Rows:

9

```

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

# Pattern Programming

## LEVEL-II

Q:130

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

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

# Pattern Programming

## LEVEL-II

Q:131

```
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:132

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:133

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:134

Enter the Number of Rows:

7

```

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

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

# Pattern Programming

## LEVEL-II

Q:135

```
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:136

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:137

```
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:138

```
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:139

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:140

```
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:141

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:142

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:143

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:144

```
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:145

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:146

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:147

Enter the Number of Rows:  
7

```
      *
```

```
    * * *
```

```
  * * * * *
```

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

```
  * * * * *
```

```
    * * *
```

```
      *
```

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

# Pattern Programming

## LEVEL-II

Q:148

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:149

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:150

```
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:151

```
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:152

```
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:153

```
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:154

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:155

```
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:156

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:157

```
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:158

```
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:159

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:160

```
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:161

```
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:162

```
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:163

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:164

```
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:165

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:166

```
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:167

```
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:168

Enter the Number of Rows:

7

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



# Pattern Programming

## LEVEL-II

Q:169

Enter the Number of Rows:

7

```
      *
```

```
    @ * @
```

```
  @ @ * @ @
```

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

```
  @ @ * @ @
```

```
    @ * @
```

```
      *
```

# Pattern Programming

## LEVEL-II

Q:170

Enter the Number of Rows:

7

```

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

# Pattern Programming

## LEVEL-II

Q:171

```
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:172

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

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

# Pattern Programming

## LEVEL-II

Q:173

```
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:174

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:175

```
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:176

```
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:177

```
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:178

```
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:179

```
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:180

```
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:181

Enter the Number of Rows:

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

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:183

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:184

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:185

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:186

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:187

```
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:188

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:189

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:190

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:191

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:192

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 3



# Pattern Programming

## LEVEL-II

Q:193

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:194

```
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:195

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:196

```
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:197

```
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:198

```
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:199

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:200

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

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



# Pattern Programming

## LEVEL-II

Q:201

```
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:202

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:203

```
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:204

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:205

```
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                2
```

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

# Pattern Programming

## LEVEL-II

Q:206

```
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:207

```
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:208

```
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:209

```
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:210

```
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:211

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:212

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:213

```
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:214

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:215

Print the below series:

2 5 11 23 47 95 191 383 767 1535

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

# Pattern Programming

**Q:216**

**LEVEL-II**

Print the below series:

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



# Pattern Programming

## LEVEL-II

**Q:217**

Print the below series:

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

# Pattern Programming

## LEVEL-II

**Q:218**

Print the below series:

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

# Pattern Programming

## LEVEL-II

Q:219

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

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

# Pattern Programming

## LEVEL-II

Q:220

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

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

# Pattern Programming

## LEVEL-II

**Q:221**

Print the below Series:

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

# Pattern Programming

## LEVEL-II

**Q:222**

Print the below Series:

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

# Pattern Programming

## LEVEL-II

**Q:223**

Print the below Series:

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

# Pattern Programming

## LEVEL-II

Q:224

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



# Pattern Programming

## LEVEL-II

Q:225

Enter the Number of Rows:

5

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

# Pattern Programming

## LEVEL-II

Q:226

Enter the Number of Rows:  
7

```
      *
```

```
    * * *
```

```
  *   *   *
```

```
*     *     *
```

```
*   *   *   *
```

```
* * * * *
```

# 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

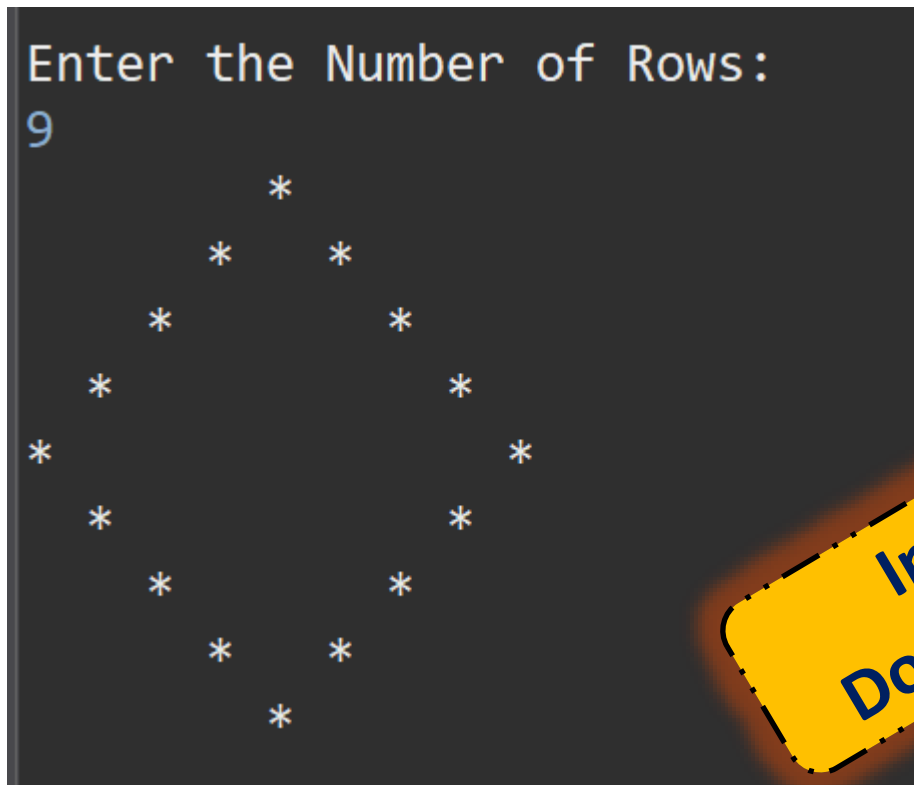
Q:229

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

# Pattern Programming

## LEVEL-II

Q:230



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

# Pattern Programming

## LEVEL-II

Q:231

```
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:232

```
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:233

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:234

```
Enter the Number of Rows:
7

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

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

# Pattern Programming

## LEVEL-II

Q:235

```
Enter the Number of Rows:
9

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

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

# Pattern Programming

Q:236

LEVEL-II

Enter the Number of Rows:

9

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

# Pattern Programming

Q:237

**LEVEL-II**

Enter the Number of Rows:

9

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

# Pattern Programming

Q:238

**LEVEL-III**

Enter the Number of Rows:

5

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

# Pattern Programming

Q:239

**LEVEL-III**

Enter the Number of Rows:

5

25 24 23 22 21

16 17 18 19 20

15 14 13 12 11

6 7 8 9 10

5 4 3 2 1

# Pattern Programming

Q:240

**LEVEL-III**

Enter the Number of Rows:

5

1    10    11    20    21

2    9    12    19    22

3    8    13    18    23

4    7    14    17    24

5    6    15    16    25



# Pattern Programming

Q:241

**LEVEL-III**

Enter the Number of Rows:

5

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

# Pattern Programming

Q:242

**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:243

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:244

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:245

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:246

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:247

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:248

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:249

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:250

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:251

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:252

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:253

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:254

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:255

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:256

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:257

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:258**

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:259

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:260

Enter the Number of Rows:

5

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

# Pattern Programming

Q:261

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:262

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:263

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:264

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:265

|    |    |    |    |   |
|----|----|----|----|---|
| 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:266

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

# Pattern Programming

Q:267

LEVEL-III

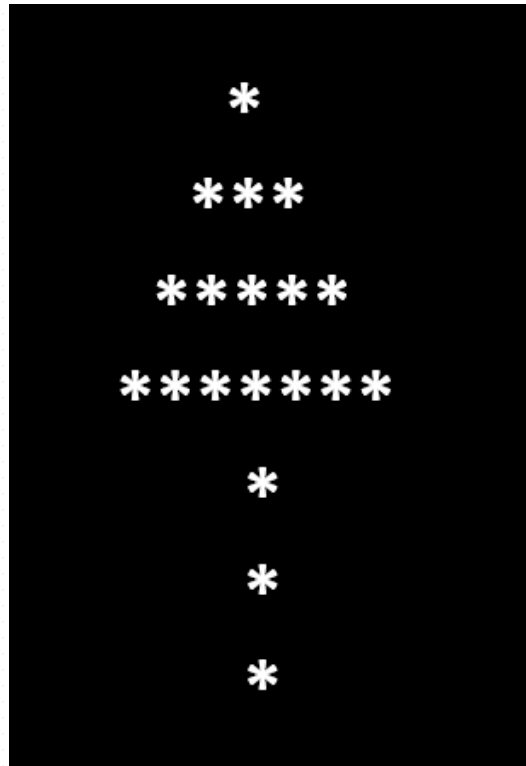
```
Enter the no of Rows:
7

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

# Pattern Programming

## LEVEL-III

Q:268



# Pattern Programming

## LEVEL-III

Q:269



# Pattern Programming

Q:270

**LEVEL-III**

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

# Pattern Programming

# Q:271

**LEVEL-III**

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

# Pattern Programming

## LEVEL-III

Q:272

```

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

```



# Pattern Programming

Q:273

LEVEL-III



# Pattern Programming

## LEVEL-III

```

      *
    ***
  *****
@@@@@@@@*****
*
**
***
****
*****

```

# Pattern Programming

# Q:275

**LEVEL-III**

```

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

```

# Pattern Programming

**LEVEL-III**

[illegible]

# Pattern Programming

Q:277

**LEVEL-III**

Enter the Number of Rows:

6

\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*

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

# Pattern Programming

Q:278

**LEVEL-III**

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

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