

QSpiders | JSpiders | PySpiders, NOIDA

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

Pattern Programming Questions by Shambhu Sir



@javac_java

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Q:1

LEVEL-I

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

Q:3

LEVEL-I

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

Q:6

LEVEL-I

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

Q:10

LEVEL-I

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

Q:15

LEVEL-II

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

Q:17

LEVEL-II

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

Q:18

LEVEL-II

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

Q:22

LEVEL-II

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

Q:23

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:24

LEVEL-II

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

Q:26

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

Q:27

LEVEL-II

```
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
```

```
0
```

```
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

Q:30

LEVEL-II

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

```
5
```

```
A
```

```
A B
```

```
A B C
```

```
A B C D
```

```
A B C D E
```

Pattern Programming

Q:31

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

Q:32

LEVEL-II

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

```
5
```

```
A
```

```
B A
```

```
C B A
```

```
D C B A
```

```
E D C B A
```

Pattern Programming

Q:33

LEVEL-II

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

Q:34

LEVEL-II

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:35

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: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

Q:38

LEVEL-II

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

Q:40

LEVEL-II

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

Q:41

LEVEL-II

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

Q:43

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

Q:44

LEVEL-II

Enter the Number of Rows:

5

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

Pattern Programming

Q:45

LEVEL-II

Enter the Number of Rows:

5

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

Pattern Programming

Q:46

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: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

Q:48

LEVEL-II

Enter the Number of Rows:

5

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

Pattern Programming

Q:49

LEVEL-II

Enter the Number of Rows:

5

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

Pattern Programming

Q:50

LEVEL-II

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

Q:52

LEVEL-II

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

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

Pattern Programming

Q:56

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:57

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

Q:58

LEVEL-II

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

Q:60

LEVEL-II

Enter the Number of Rows:

5

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

Pattern Programming

Q:61

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

Q:62

LEVEL-II

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

Q:63

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

Q:64

LEVEL-II

Enter the Number of Rows :

5

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

Pattern Programming

Q:65

LEVEL-II

Enter the Number of Rows:

5

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

Pattern Programming

Q:66

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: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

Q:70

LEVEL-II

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

Q:72

LEVEL-II

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

Q:73

LEVEL-II

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

Q:74

LEVEL-II

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

Q:75

LEVEL-II

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

Q:77

LEVEL-II

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  
        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  
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

Q:100

LEVEL-II

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

Q:103

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

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

Q:105

LEVEL-II

Enter the Number of Rows:

5

E D C B A

D C B A

C B A

B A

A

Pattern Programming

Q:106

LEVEL-II

Enter the number of Rows:

7

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

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

Pattern Programming

Q:107

LEVEL-II

Enter the Number of Rows:

5

1 1 1 1 1 1 1 1 1

2 2 2 2 2 2 2

3 3 3 3 3

4 4 4

5

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

Pattern Programming

Q:108

LEVEL-II

```
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

Q:109

LEVEL-II

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

Q:110

LEVEL-II

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

Q:111

LEVEL-II

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

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

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

Q:114

LEVEL-II

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

Q:115

LEVEL-II

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

Q:116

LEVEL-II

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

Q:117

LEVEL-II

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

Q:118

LEVEL-II

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

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

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

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

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

Q:130

LEVEL-II

Enter the Number of Rows:

7

		1	
	2	2	
3	3	3	
4	4	4	4
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

Enter the Number of Rows:

7

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

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

Pattern Programming

LEVEL-II

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: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

Q:136

LEVEL-II

Enter the Number of Rows:

7

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

Q:138

LEVEL-II

```
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

Q:146

LEVEL-II

Enter the Number of Rows:

7

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

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

Pattern Programming

Q:147

LEVEL-II

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	5	
	6	6	6			
		7				

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

Pattern Programming

Q:148

LEVEL-II

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

```
7
```

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

Q:150

LEVEL-II

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

Q:151

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			

Pattern Programming

Q:152

LEVEL-II

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

Q:153

LEVEL-II

Enter the Number of Rows:

7

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

Pattern Programming

Q:154

LEVEL-II

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

Q:155

LEVEL-II

Enter the Number of Rows:

7

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

Pattern Programming

Q:156

LEVEL-II

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
	2	2	2	2	2
	3	3	3		
		4			

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

Pattern Programming

Q:158

LEVEL-II

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

Q:159

LEVEL-II

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

Q:160

LEVEL-II

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

Q:161

LEVEL-II

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

Q:163

LEVEL-II

Enter the Number of Rows:

7

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

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

Pattern Programming

Q:164

LEVEL-II

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

Q:166

LEVEL-II

```
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

Q:168

LEVEL-II

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

```
7
```

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

Pattern Programming

Q:169

LEVEL-II

Enter the Number of Rows:

7

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

Pattern Programming

Q:170

LEVEL-II

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  
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

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

Q:178

LEVEL-II

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

Q:180

LEVEL-II

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

Q:183

LEVEL-II

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

Q:184

LEVEL-II

```
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

Q:185

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 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

Q:187

LEVEL-II

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

Q:188

LEVEL-II

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	
3	2	1	0	1	2	3

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

Pattern Programming

Q:189

LEVEL-II

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

Q:190

LEVEL-II

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

Q:191

LEVEL-II

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

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

Q:193

LEVEL-II

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 2 2

1 1 1 1 1 1 1

Pattern Programming

Q:194

LEVEL-II

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

Q:195

LEVEL-II

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

Q:196

LEVEL-II

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

Q:197

LEVEL-II

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

Q:198

LEVEL-II

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

Q:199

LEVEL-II

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

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

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

1

1

1

1

1

1

1

1

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

2

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

Pattern Programming

Q:205

LEVEL-II

Enter the Number of Rows:

7

1

1

1 2

2 1

1

2 1

1

3 2 1

1

3 2 1

1 2

2 1

1

1

Pattern Programming

Q:206

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

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

Q:208

LEVEL-II

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

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

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

Q:214

LEVEL-II

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

Q:216

LEVEL-II

Print the below series:

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

Pattern Programming

Q:217

LEVEL-II

Print the below series:

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

Pattern Programming

Q:218

LEVEL-II

Print the below Fibonacci Series

0, 1, 1, 2, 3, 5, 8, 13, 21, ...

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

Pattern Programming

Q:219

LEVEL-II

Print the below Tribonacci Series:

0, 0, 1, 1, 2, 4, 7, 13, 24, ...

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

Pattern Programming

Q:220

LEVEL-II

Print the below Series:

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

Pattern Programming

Q:221

LEVEL-II

Print the below Series:

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

Pattern Programming

Q:222

LEVEL-II

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

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:

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

Enter the Number of Rows:

7

1

2 1 3

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

0

M N

L K J

F G H I

E D C B A

Pattern Programming

LEVEL-III

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

0

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

Q:255

LEVEL-III

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	A

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

Q:258

LEVEL-III

Enter the Number of Rows:

5

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

Pattern Programming

Q:259

LEVEL-III

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 21 35 35 21 7 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:

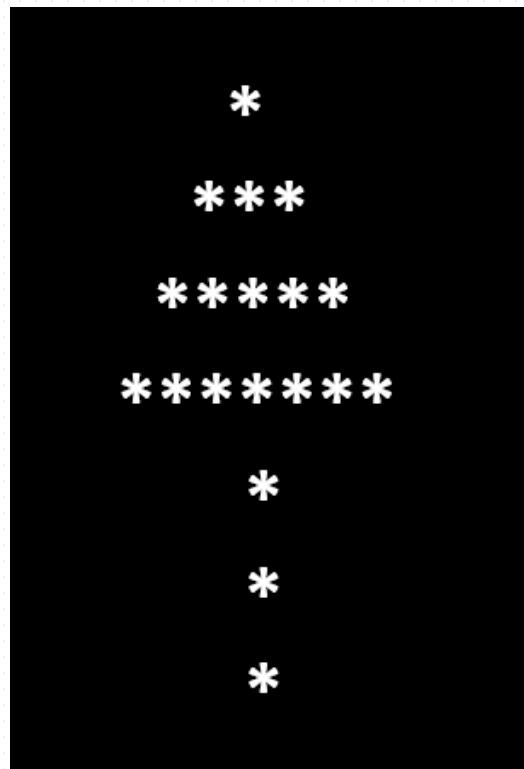
7

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

Pattern Programming

LEVEL-III

Q:263



Pattern Programming

Q:264

LEVEL-III



Pattern Programming

Q:265

LEVEL-III

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

Pattern Programming

Q:266

LEVEL-III

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

Pattern Programming

LEVEL-III

Q:267

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

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

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

***      ***      ***

*          *          *
```

Pattern Programming

Q:268

LEVEL-III

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

Pattern Programming

Q:269

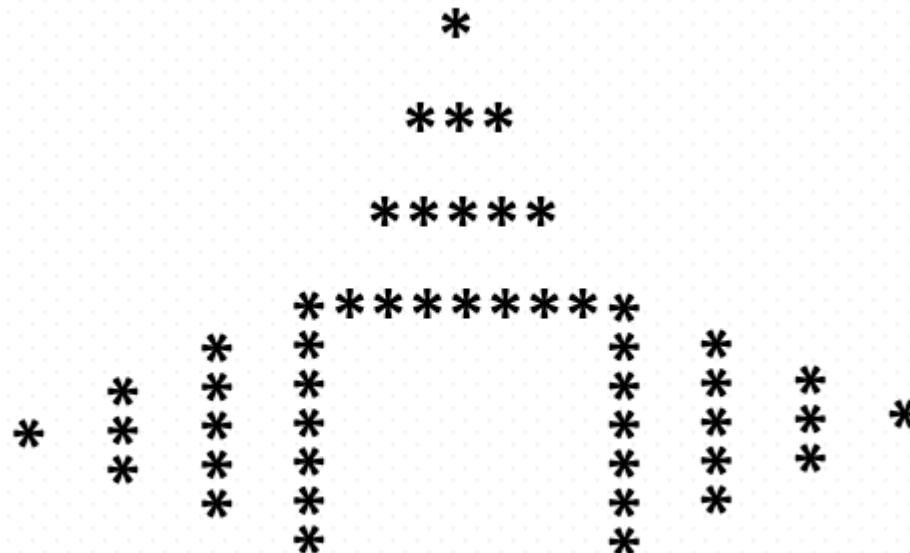
LEVEL-III

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

Pattern Programming

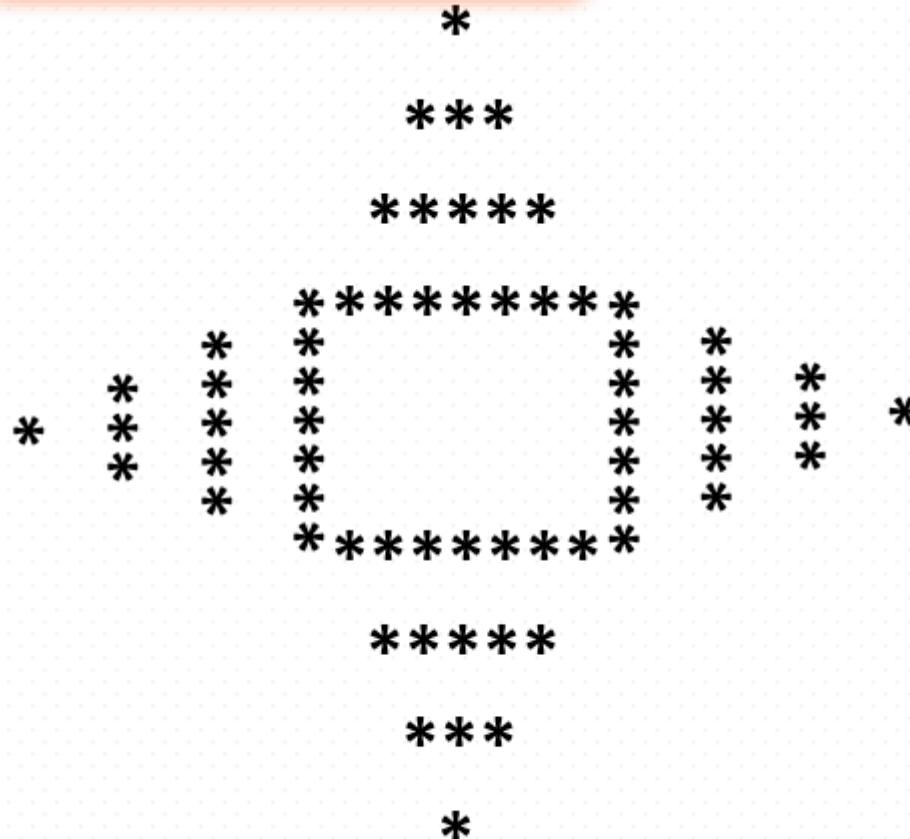
Q:270

LEVEL-III



Pattern Programming

Q:271 LEVEL-III



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..!!**