

Velocity Corporate Training Center, Pune

Topics: Loops in Python

Write a Python Programs to print below Pattern:

1.

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

2.

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

3.

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      *  
     * *  
    * * *  
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```

4.

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

5.

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

6.

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

7. Pascal's Triangle

```
1
1 1
1 2 1
1 3 3 1
1 4 6 4 1
```

8.

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

9.

```
A           [Use ASCII Values]
B B
C C C
D D D D
E E E E E
```

10.

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

11.

```
K
K K
K K K
K K K K
K K K K K
```

12.

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

13.

P
Py
Pyt
Pyth
Pytho
Python

14.

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

15.

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

16.

0 1 2 3 4 5
0 1 2 3 4
0 1 2 3
0 1 2
0 1

17.

1
2 3 4
5 6 7 8 9

18.

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

19.

1
3 3
5 5 5
7 7 7 7
9 9 9 9 9

20.

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

21.

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

22.

1
2 4
3 6 9
4 8 12 16
5 10 15 20 25
6 12 18 24 30 36
7 14 21 28 35 42 49

23.

1
2 1
4 2 1
8 4 2 1
16 8 4 2 1
32 16 8 4 2 1
64 32 16 8 4 2 1
128 64 32 16 8 4 2 1

24.

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```

25.

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```