

Code  Random  
(OPC) PVT. LTD.

TRIANGULAR

PATTERNS

# WHAT ARE TRIANGULAR PATTERNS?

- As discussed earlier, Triangular pattern is the pattern in which number of rows are fixed but columns are variable is called triangle pattern.

- Example:-**

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

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

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

```
          #
        @ @ @
      # # # # #
    @ @ @ @ @ @ @
  # # # # # # # # #
```

# PROGRAMS TO PRACTICE

1.   \*  
     \* \*  
     \* \* \*  
     \* \* \* \*  
     \* \* \* \* \*

2.   #  
     # @  
     # @ #  
     # @ # @  
     # @ # @ #

3.   #  
     # #  
     #   #  
     #       #  
     # # # # #

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

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

6.   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

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