

## TASK-4

**Q1: Write a program to print the pattern given below**

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

### PROGRAM

```
1  # Q1: Write a program to print the pattern given below
2  # *
3  # * *
4  # * * *
5  # * * * *
6  # * * * * *
7  for row in range(1,6):
8      for col in range(1,row+1):
9          print("*",end="\t")
10     print()
```

### OUTPUT

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

**Q2: Write a program to print the pattern given below**

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

### PROGRAM

```
1  # Q2: Write a program to print the pattern given below
2  # 1
3  # 1 2
4  # 1 2 3
5  # 1 2 3 4
6  # 1 2 3 4 5
7  for row in range(1,6):
8      for col in range(1,row+1):
9          print(col,end="\t")
10     print()
```

OUTPUT

```

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

```

**Q3: Write a program to print the pattern given below**

```

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

```

PROGRAM

```

1  # Q3: Write a program to print the pattern given below
2  # *
3  # * *
4  # * * *
5  # * * * *
6  # * * * * *
7  # * * * *
8  # * * *
9  # * *
10 # *
11 for row in range(1,6):
12     for col in range(1,row+1):
13         print("*",end="")
14     print()
15 for row in range(row+1,0,-1):
16     for col in range(1,row-1):
17         print("*",end="")
18     print()

```

OUTPUT

```

p/PYTHON FULLS
*
* *
* * *
* * * *
* * * * *
* * * *
* * *
* *
*

```

**Q4: Write a Python program to create the multiplication table (from 1 to 10) of a number.**

### PROGRAM

```
1 # Q4: Write a Python program to create the multiplication table (from 1 to 10) of a number.
2 num=6
3 print("----MULTIPLICATION TABLE OF SIX-----")
4 for i in range(1,11):
5     mul=num*i
6     print(i,"*",num,"=",mul)
7     i=i+1
```

### OUTPUT

```
----MULTIPLICATION TABLE OF SIX-----
1 * 6 = 6
2 * 6 = 12
3 * 6 = 18
4 * 6 = 24
5 * 6 = 30
6 * 6 = 36
7 * 6 = 42
8 * 6 = 48
9 * 6 = 54
10 * 6 = 60
```