

# SHEET- 1

## Pattern Based Questions

Q.1 Write a Program to print the right triangle star pattern.

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

Q.2 Write a Program to print mirrored right triangle star pattern.

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

Q.3 Write a Program to print inverted half pyramid star pattern.

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

Q.4 Write a Program to print the Full Pyramid Star pattern.

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

Q.5 Write a program to Print a solid Diamond Star Pattern.

```

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

Q.6 Write a Program to print the Full Pyramid Number Pattern.

```

  1
 321
54321
7654321
987654321
```

Q.7 Write a Program to print the Solid Half Diamond Number Pattern.

```

5
54
543
5432
54321
543210
54321
5432
543
```

**54**

**5**

Q.8 Write a Program to Print the Hollow Diamond Number Pattern.

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

Q.9 Write a Program to Print the V Shape Alphabet Pattern.

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

Q.10 Write a Program to Print Cross Sign (X) Number Pattern.

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