

**We will be studying the following **patterns** after completing the chapter on Functions.**

**Please feel free to try them on your own!**

# HOLLOW RECTANGLE pattern



APNA  
COLLEGE

# INVERTED & ROTATED HALF-PYRAMID pattern



APNA  
COLLEGE

# INVERTED HALF-PYRAMID with Numbers pattern

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

APNA  
COLLEGE

# FLOYD'S Triangle pattern

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

APNA  
COLLEGE

## 0-1 Triangle pattern

1  
0 1  
1 0 1  
0 1 0 1  
1 0 1 0 1

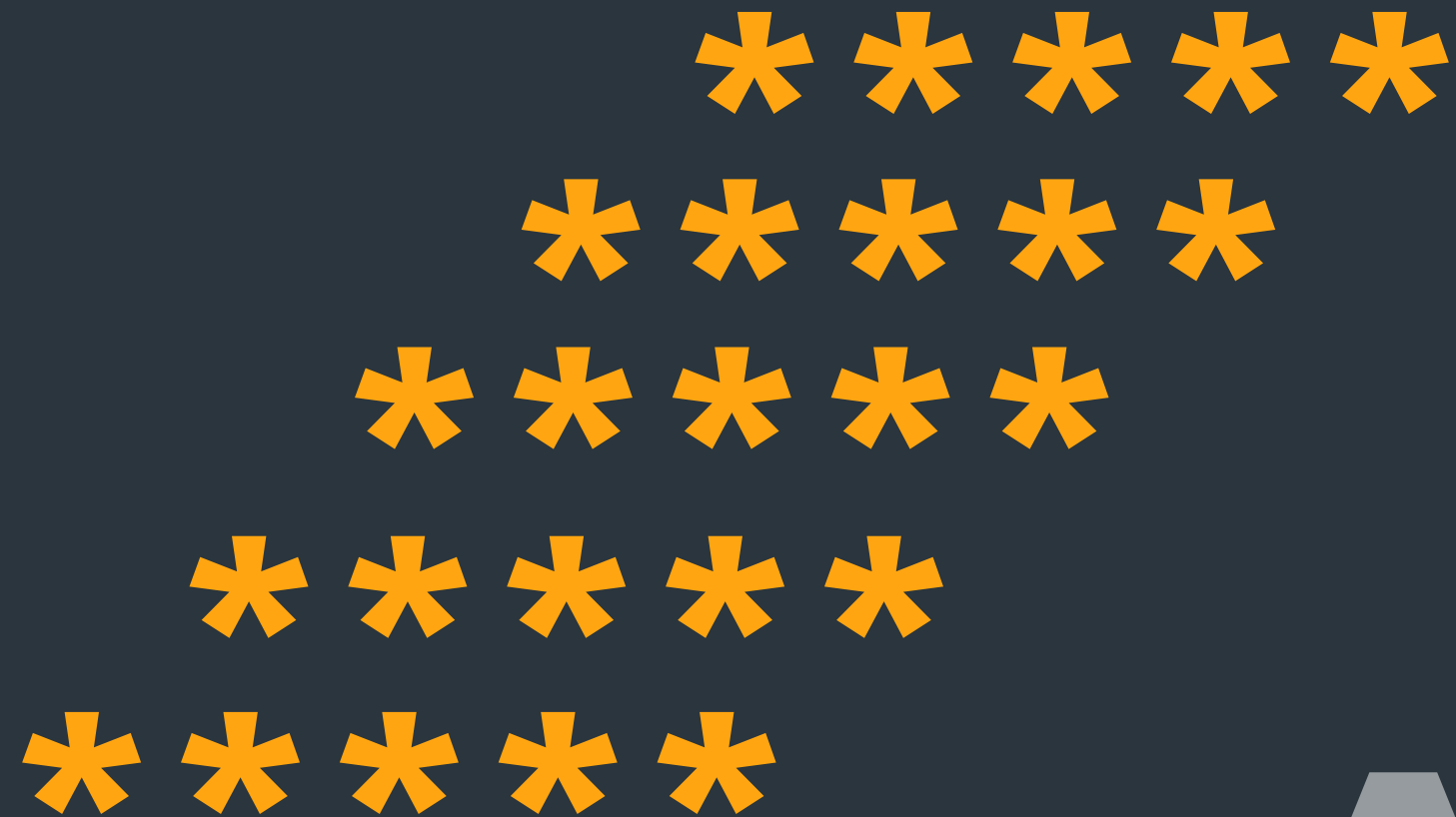
APNA  
COLLEGE

# BUTTERFLY pattern



APNA  
COLLEGE

# SOLID RHOMBUS pattern



APNA  
COLLEGE



# HOLLOW RHOMBUS pattern



APNA  
COLLEGE

# DIAMOND pattern



APNA  
COLLEGE

# NUMBER PYRAMID pattern

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

APNA  
COLLEGE

# PALINDROMIC Pattern with Numbers pattern

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

APNA  
COLLEGE