

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
```

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COLLEGE