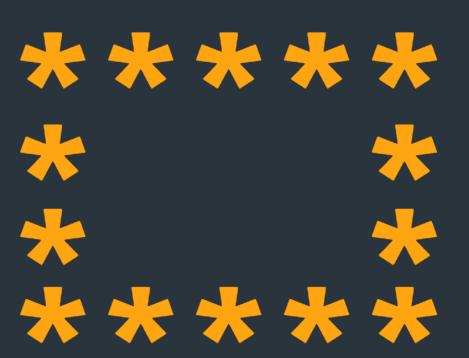


We will be studying the following patterns after completing the chapter on Functions.

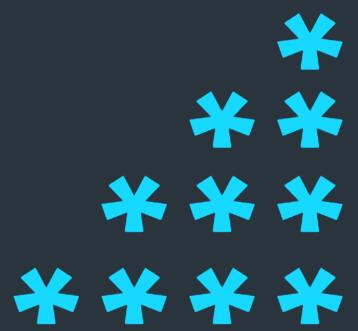
Please feel free to try them on your own!

HOLLOW RECTANGLE pattern



APNA COLLEGE

INVERTED & ROTATED HALF-PYRAMID pattern



APNA COLLEGE

INVERTED HALF-PYRAMID with Numbers pattern

APNA COLLEGE

FLOYD'S Triangle pattern

```
11 12 13 14 15 PNA
```

0-1 Triangle pattern

```
10101 APNA
```

BUTTERFLY pattern

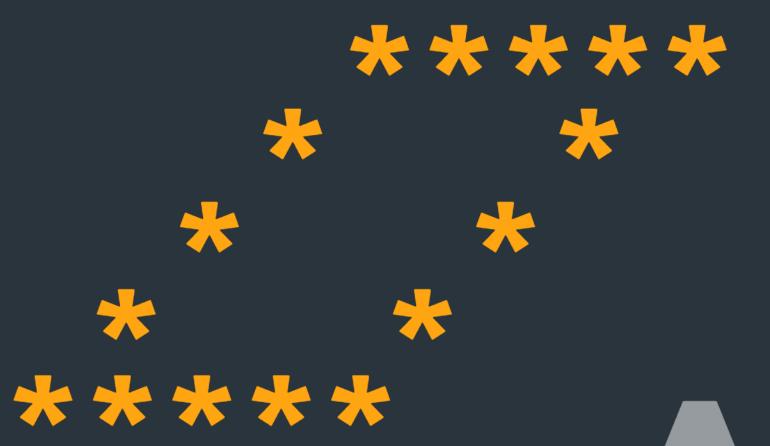
** ** *** ** *** *** *** ** ** APNA

SOLID RHOMBUS pattern

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

APNA COLLEGE

HOLLOW RHOMBUS pattern



APNA COLLEGE

DIAMOND pattern

```
***
***
****
****
****
 ***
      APNA
```

NUMBER PYRAMID pattern

```
3 3 3
```

PALINDROMIC Pattern with Numbers pattern