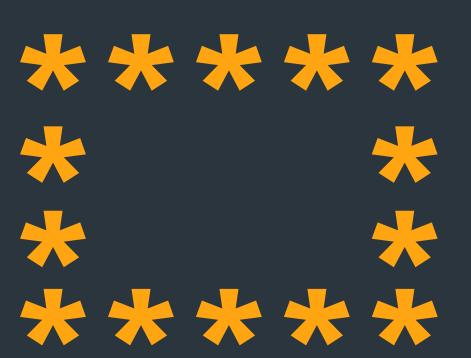


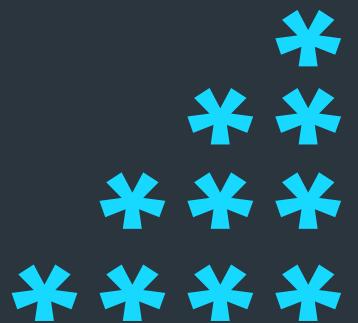
### We will be studying the following patterns after completing the chapter on Functions.

Please feel free to try them on your own!

#### **HOLLOW RECTANGLE** pattern



#### **INVERTED & ROTATED HALF-PYRAMID pattern**



#### **INVERTED HALF-PYRAMID** with Numbers pattern

#### **FLOYD'S Triangle pattern**

```
8 9 10
11 12 13 14 15 PNA
```

#### 0-1 Triangle pattern

```
10101 APNA
```

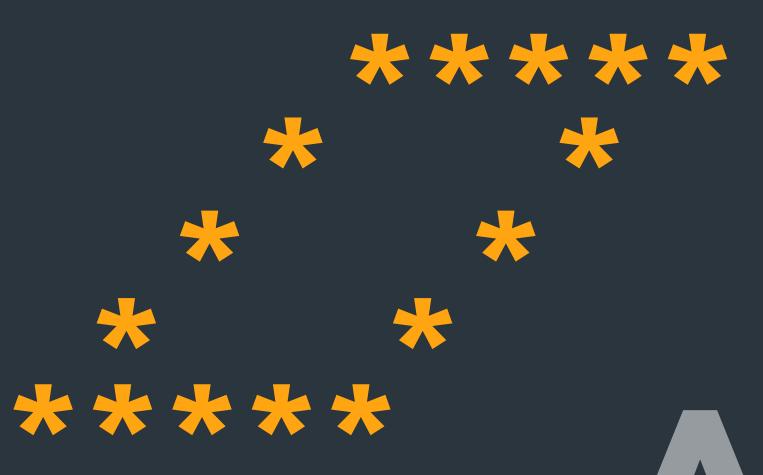
#### **BUTTERFLY** pattern

\*\* \*\* \*\*\* \*\* \*\*\* \*\*\* \*\* \*\*\* \*\*

#### SOLID RHOMBUS pattern

\*\*\*\*\* \*\*\*\*\* \*\*\*\*

#### **HOLLOW RHOMBUS** pattern



#### **DIAMOND** pattern

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

#### **NUMBER PYRAMID** pattern

```
3 3 3
```

#### PALINDROMIC Pattern with Numbers pattern