

# Day 11/180: Pattern Printing- Super Hard

First Pattern: Take an input n from the user, and create a pattern like below, for n=5, we have output like this.

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

Second Pattern: Take an input n from the user, and create a pattern like below, for n=5, we have output like this.

```
  1
 1 2 3
1 2 3 4 5
1 2 3 4 5 6 7
1 2 3 4 5 6 7 8 9
```

Third Pattern: Take an input n from the user, and create a pattern like below, for n=5, we have output like this.

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

Fourth Pattern: Take an input n from the user, and create a pattern like below, for n=5, we have output like this.

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