Week-2 ::: Day-1

Topic: Nested loop

Tasks:

1.Input N and M. Print N lines where every line contains M stars.

Example: If N=3 and M=5 then,

The corresponding output is,

2. Input a value N and print N lines in following way.

Example: If N=4 then,

The corresponding output is,

3. Input a value N and print N lines in following way.

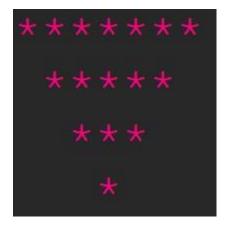Example: If N=4 then,

The corresponding output is,

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

4. Input a value N and print N lines in following way.

Example: If N=4 then,

The corresponding output is,

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

5.Input a value N and print N lines in following way.

Example: If N=4 then,

The corresponding output is,

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

6. Input a value N and print N lines in following way.

Example: If N=4 then,

The corresponding output is,

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

7. Input a value N and print N+(N-1) lines in following way.

Example: If N=4 then,

The corresponding output is,

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

8. Given two number X and N. Find the digit sum of all numbers between X to N where X<=N.

Explanation For Problem_8:

If X = 10 and N = 12 then,

Digit summation of 10 is 1.

Digit summation of 11 is 2.

Digit summation of 12 is 3.

Total digit summation of 10 to 12 is 6.

Test Case For Problem 8:

Input_1:

 10 12

Output_1:

6

Input_2:

11 20

Output_2:

56

Input_3:

17 238

Output_3:

2133