Programming Assignment #5

Loops II

1) Write a program to read two string and print "Equal" if they are the same case insensitive. For example:

Input:

Code

Code

Output:

Equal

Input:

Masr

Masry

Output:

Not Equal

Input:

Egypt

EGYpt

Output:

Equal

Note: You should use loops. Don't use some existing method to check equality.

2) Given an integer n, print the following shapes using asterisks and spaces. For example, for n = 5 the following shapes are printed

Input:

5

Output:

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

---

3) Given an integer n, print the following shapes using asterisks and spaces. For example, for n = 6 the following shapes are printed

Input:

6

Output:

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

---

4) Given an integer n, print the following shapes using asterisks and spaces. For example, for n = 5 the following shapes are printed

Input:

5

Output:

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

---

5) Given an integer n, print the following shapes using asterisks and spaces. For example, for n = 5 the following shapes are printed

Input:

5

Output:

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

6) Write a program that returns number of occurrences of a string in another string. E.g.

Input:

First String: the

Second String: **the** students are working hard in **the** faculty of Engineering because **the**y love it

Output:

3

Note: You should use nested loops. Don't use some methods like indexOf or substring