

Python Assinment 2

In []: *# 1. Create the below pattern using nested for loop in Python.*

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

In [4]:

```
for i in range(0,5):
    print("\r")
    for j in range (0,i):
        print("* ", end="")
for i in range(5,0,-1):
    print("\r")
    for j in range (0,i):
        print("* ", end="")
```

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

2. Write a Python program to reverse a word after accepting the input from the user.

In [18]:

```
print("Enter a word")
ans = input()
print("Reverse of word : " + ans[::-1])
```

```
Enter a word
neuron
Reverse of word : noruen
```

3. Write a program which accepts a sequence of comma-separated numbers from console and generate a list.

In [3]:

```
values = input("Enter some comma-seprated numbers : ")
lst = values.split(",")
print(lst)
```

Enter some comma-seprated numbers : 1,2,3,4,5,6
['1', '2', '3', '4', '5', '6']

In []: