

## Do the following exercises using Jupyter Notebook and submit its pdf onto Bootcamp Python workshop (google class room)

```
In [3]: 1 n=int(input("Enter the number"))
        2 for i in range(0,n):
        3     for j in range(0,i+1):
        4         print("*",end=" ")
        5     print()
```

Enter the number5

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

```
In [1]: 1 n=int(input("Enter the Number"))
        2 for i in range(1,n+1):
        3     for j in range(i):
        4         print(i+j,end=" ")
        5     print()
```

Enter the Number5

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

```
In [1]: 1 n=int(input("Enter the Number:"))
        2 for i in range(n):
        3     for j in range(i+1):
        4         print(n-i+j,end=" ")
        5     print("")
```

Enter the Number:5

```
5
4 5
3 4 5
2 3 4 5
1 2 3 4 5
```

```
In [2]: 1 n=int(input("Enter the Number:"))
        2 for i in range(n):
        3     for j in range(n-i):
        4         print(n-j-i,end=" ")
        5     print("")
```

Enter the Number:6

6 5 4 3 2 1

5 4 3 2 1

4 3 2 1

3 2 1

2 1

1

```
In [3]: 1 n=int(input("Enter the Number:"))
        2 for i in range(n):
        3     for j in range(i+1,n+1):
        4         print(j,end=" ")
        5     print(" ")
        6
        7 for i in range(n):
        8     for j in range(i+1):
        9         if(i!=0):
       10             print(n-i+j,end=" ")
       11     if(i!=0):
       12         print(" ")
```

Enter the Number:5

1 2 3 4 5

2 3 4 5

3 4 5

4 5

5

4 5

3 4 5

2 3 4 5

1 2 3 4 5

```
In [4]: 1 s=input("Enter the String")
        2 c=0
        3 for i in s:
        4     c+=1
        5 print(c)
```

Enter the StringNachiketh

9

```
In [5]: 1 s=input("Enter the String ")
        2 c=0
        3 for i in s:
        4     c+=1
        5 x=s.split(" ")
        6
        7 print("words:",len(x))
        8 print("letters:",c)
```

```
Enter the String Nachiketh
words: 1
letters: 9
```

```
In [6]: 1 s=input("Enter the String")
        2 w=input("Enter word to count occurrence:")
        3 x=s.split(" ")
        4 c=0
        5 for y in x:
        6     if w==y:
        7         c+=1
        8 print(c)
```

```
Enter the StringNachi Nachi Nachi all
Enter word to count occurrence:Nachi
3
```

```
In [ ]: 1
```