

Q Find the output of the following code:

a.

```
Dict1 = {}  
Dict1[(1,2,4)] = 8  
Dict1[(4,2,1)] = 100  
Dict1[(1,3)] = 120  
Sum = 0  
for k in Dict1:  
    Sum+=Dict1[k]  
print(Sum)  
print(Dict1)
```

b.

```
array = [100,200,300,400,500]  
for num in array:  
    for i in range(1,num):  
        print(i)  
    print()
```

Q print the following pattern->

a.

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

b.

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

C.

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

d.

```
A  
BC  
DEF  
GHIJ
```

e.

```
A  
AB  
ABC  
ABCD  
ABCDE
```

Question3. Write the code for linear Search

You have a given list, then you have to search for a specified value in the list, if it is present in the list, print "found" otherwise print "Not Found"

Question4.

Write a program which takes 2 strings as an input and check whether both strings are anagram or not

SILENT , LISTEN