

Q.1) int arr[]={1,2,2,3,3,4,4,4,4,5,5,5,5} alter array in such way that the element which occur most times will print first. sample output-  
arr[]={5,5,5,5,4,4,4,2,2,3,3,1}

->

```
arr = [1,2,2,3,3,4,4,4,4,5,5,5,5]
result = sorted(arr, key=lambda x: arr.count(x), reverse=True)
print(result)
```

```
"C:\Users\lenovo\Desktop\DBDA\Python Module\Python Daywise\Day 1\Programs\Q1.py"
[5, 5, 5, 5, 5, 4, 4, 4, 4, 2, 2, 3, 3, 1]
```

```
Process finished with exit code 0
```

Q.2) Write a Python program to find if a given string starts with a given character using Lambda.

->

```
m="SMVITA"
n="S"
check=lambda m, n: m.startswith(n)
print(check(m,n))
```

```
"C:\Users\lenovo\Desktop\DBDA\Python Module\Python Daywise\Day 1\Programs\Q2.py"
True
```

```
Process finished with exit code 0
```

Q.3) Write a Python program to filter a given list whether the values in the list are having length of 6 using Lambda

->

```
a=['abcdef','ghijk','mno','pqrstu','vwxyz']  
b=list(filter(lambda x:len(x)==6,a))  
print(b)
```

```
"C:\Users\lenovo\Desktop\DBDA\Python Module\Py  
[ 'abcdef' , 'pqrstu' , 'vwxyz' ]  
  
Process finished with exit code 0
```

Q.4) Write a Python program to create Fibonacci series upto “n” using Lambda.