

'''

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[]={5,5,5,5,4,4,4,4,2,2,3,3,1};

'''

arr1=[1,2,2,3,3,4,4,4,4,5,5,5,5]

s=set(arr1)

d={}

for i in s:

 d[i]=arr1.count(i)

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

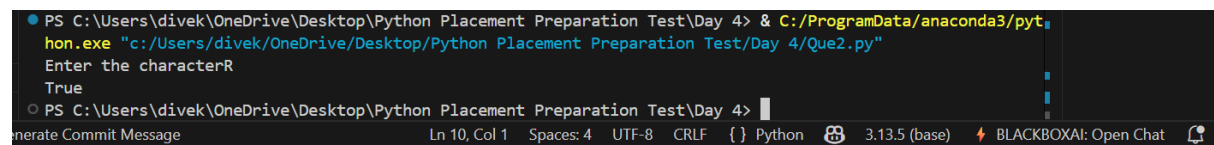
```
'''
```

```
name="Rohit Sharma"
```

```
c=input("Enter the character")
```

```
x=lambda: name[0] == c
```

```
print(x())
```



```
PS C:\Users\divek\OneDrive\Desktop\Python Placement Preparation Test\Day 4> & C:/ProgramData/anaconda3/python.exe "c:/Users/divek/OneDrive/Desktop/Python Placement Preparation Test/Day 4/Que2.py"
Enter the characterR
True
PS C:\Users\divek\OneDrive\Desktop\Python Placement Preparation Test\Day 4>
```

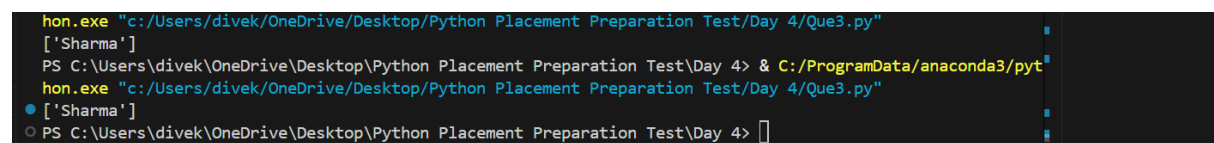
'''

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

'''

```
li=["Rohit","Sharma","Virat"]
```

```
print(list(filter(lambda x: len(x) == 6, li)))
```



```
hon.exe "c:/Users/divek/OneDrive/Desktop/Python Placement Preparation Test/Day 4/Que3.py"
['Sharma']
PS C:\Users\divek\OneDrive\Desktop\Python Placement Preparation Test\Day 4> & C:/ProgramData/anaconda3/pyt
hon.exe "c:/Users/divek/OneDrive/Desktop/Python Placement Preparation Test/Day 4/Que3.py"
● ['Sharma']
○ PS C:\Users\divek\OneDrive\Desktop\Python Placement Preparation Test\Day 4> 
```

'''

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

'''

```
n=int(input("Enter the number "))
```

```
a=0
```

```
b=1
```

```
t=0
```

```
while n>0:
```

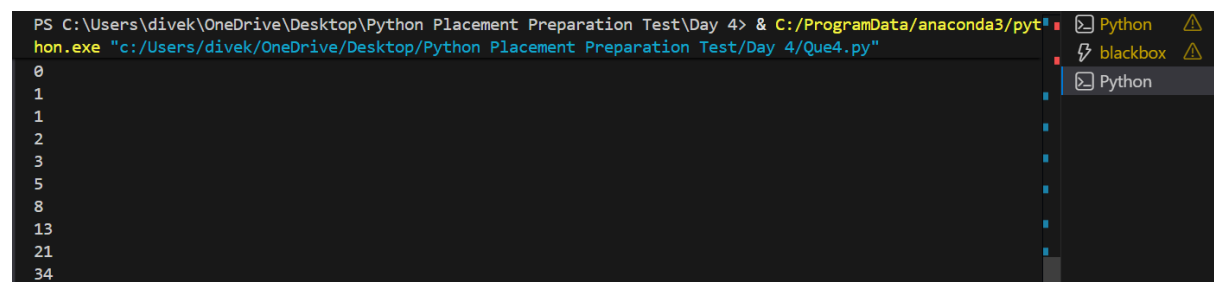
```
    print(a)
```

```
    t=a+b
```

```
    a=b
```

```
    b=t
```

```
    n=n-1
```



The screenshot shows a Python IDE with a dark theme. The top bar displays the file path: `PS C:\Users\divek\OneDrive\Desktop\Python Placement Preparation Test\Day 4> & C:/ProgramData/anaconda3/python.exe "c:/Users/divek/OneDrive/Desktop/Python Placement Preparation Test/Day 4/Que4.py"`. The main editor area shows the output of the program, which is the Fibonacci series up to 34: `0`, `1`, `1`, `2`, `3`, `5`, `8`, `13`, `21`, `34`. The right sidebar shows a list of files: `Python`, `blackbox`, and `Python`.