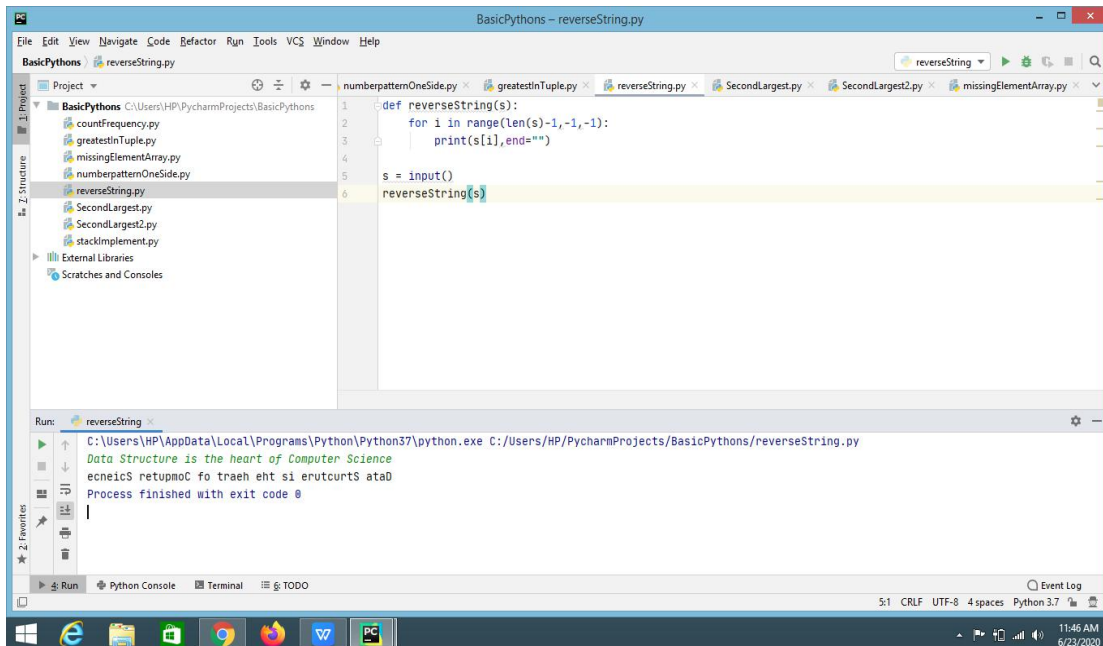


Q. Reverse the String “ Data Structure is the heart of Computer Science” ?

Ans:-



```
def reverseString(s):
    for i in range(len(s)-1,-1,-1):
        print(s[i],end="")

s = input()
reverseString(s)
```

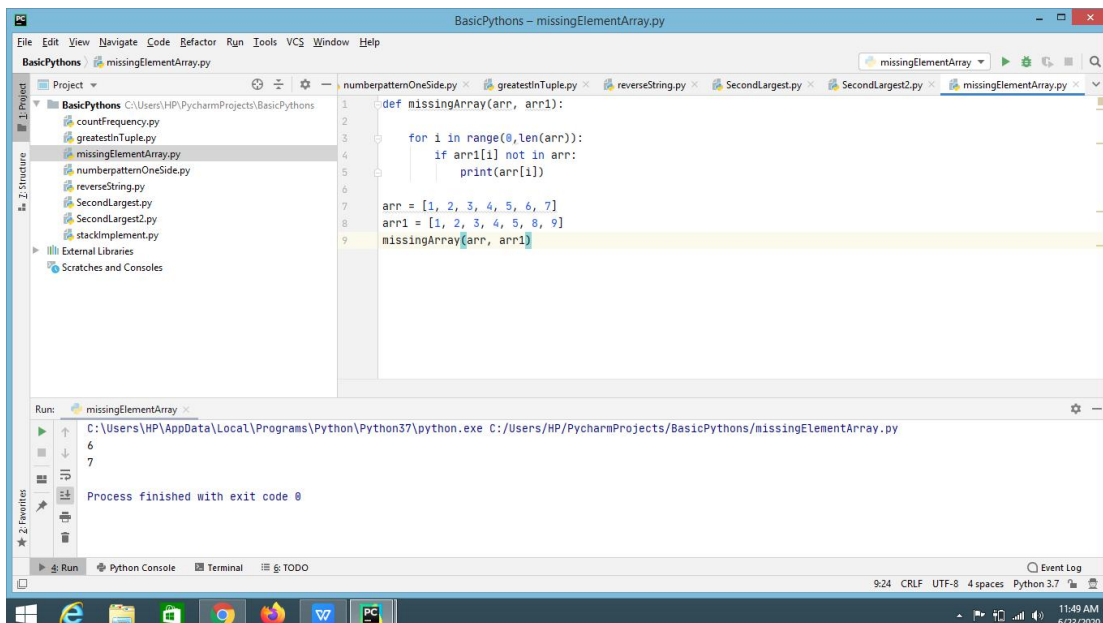
Run: reverseString

C:\Users\HP\AppData\Local\Programs\Python\Python37\python.exe C:/Users/HP/PycharmProjects/BasicPythons/reverseString.py

Data Structure is the heart of Computer Science
ecnecis retupmoC fo traeh eht si erutcurts ataD
Process finished with exit code 0

Q. Find the missing number in array?

Sol:-



```
def missingArray(arr, arr1):
    for i in range(0, len(arr)):
        if arr1[i] not in arr:
            print(arr[i])

arr = [1, 2, 3, 4, 5, 6, 7]
arr1 = [1, 2, 3, 4, 5, 8, 9]
missingArray(arr, arr1)
```

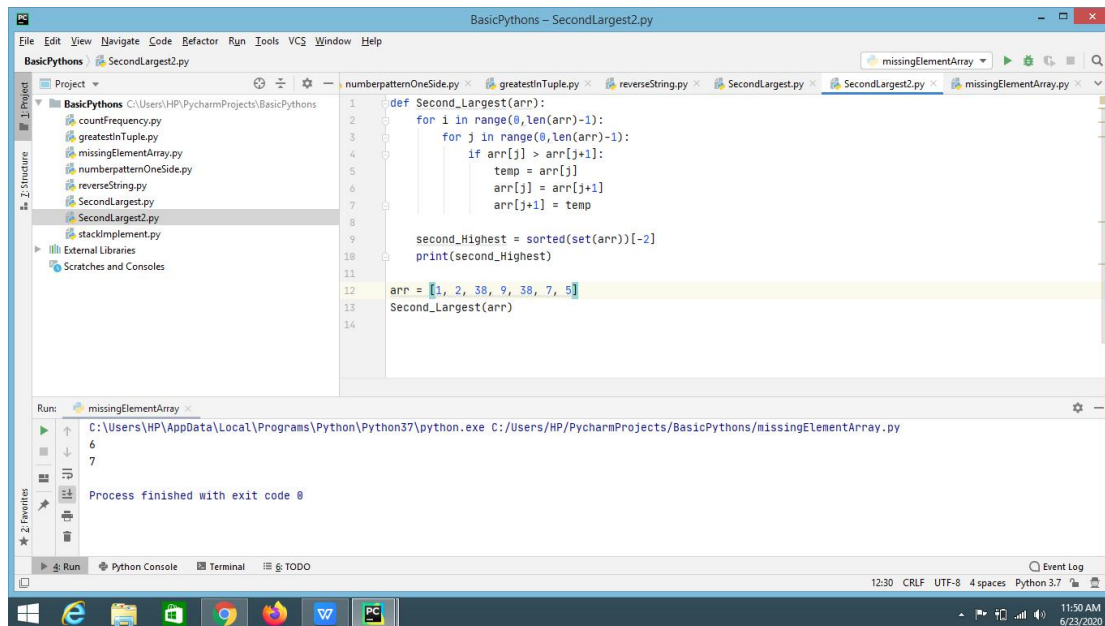
Run: missingElementArray

C:\Users\HP\AppData\Local\Programs\Python\Python37\python.exe C:/Users/HP/PycharmProjects/BasicPythons/missingElementArray.py

6
7
Process finished with exit code 0

Q3: Find Second Largest in an array?

Sol:-



Q4: Write a logic to implement a stack using queues?

Sol:-

