S.No: 8	Exp. Name: *Write a python script to remove all the occurrences of a given character from a text file; copy the resultant text into another text file. Find the total occurrences of the eliminated characters and display the count along with the contents of the text file on to the console.*	Date:2024-03-23

Aim:

Write a python script to remove all the occurrences of a given character from a text file; copy the resultant text into another text file. Find the total occurrences of the eliminated characters and display the count along with the contents of the text file on to the console.

Source Code:

occurrences.py

```
f1=open("textfile.txt",'w')
f1.write("Write a python script to remove all the occurrences of a given character fr
om a text file; copy the resultant text into another text file. Find the total occurr
ences of the eliminated characters and display the count along with the contents of t
he text file on to the console.")
f1.close()
f2=open("textfile.txt",'r')
print("**** TEXT IN A FILE ****")
print(f2.read())
f2.seek(0)
f3=open("textfile2.txt",'w')
char=input("Enter a character to count its occurrence:")
count=0
rc=-1
while(rc):
    rc=f2.read(1)
    if rc==char:
        count+=1
    else:
        f3.write(rc)
f2.close()
f3.close()
print("Total count of "+char+" is ",count)
f4=open("textfile2.txt",'r')
print("**** Text after eliminating "+char+" ****")
print(f4.read())
f4.close()
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
**** TEXT IN A FILE **** e
Write a python script to remove all the occurrences of a given character from a text file;
Enter a character to count its occurrence: e
Total count of e is   31
**** Text after eliminating e ****

Writ a python script to rmov all th occurrncs of a givn charactr from a txt fil; copy th r

Test Case - 2
User Output
**** TEXT IN A FILE **** i
Write a python script to remove all the occurrences of a given character from a text file;
Enter a character to count its occurrence: i
Total count of i is 12
**** Text after eliminating i ****
Wrte a python scrpt to remove all the occurrences of a gven character from a text fle; copy