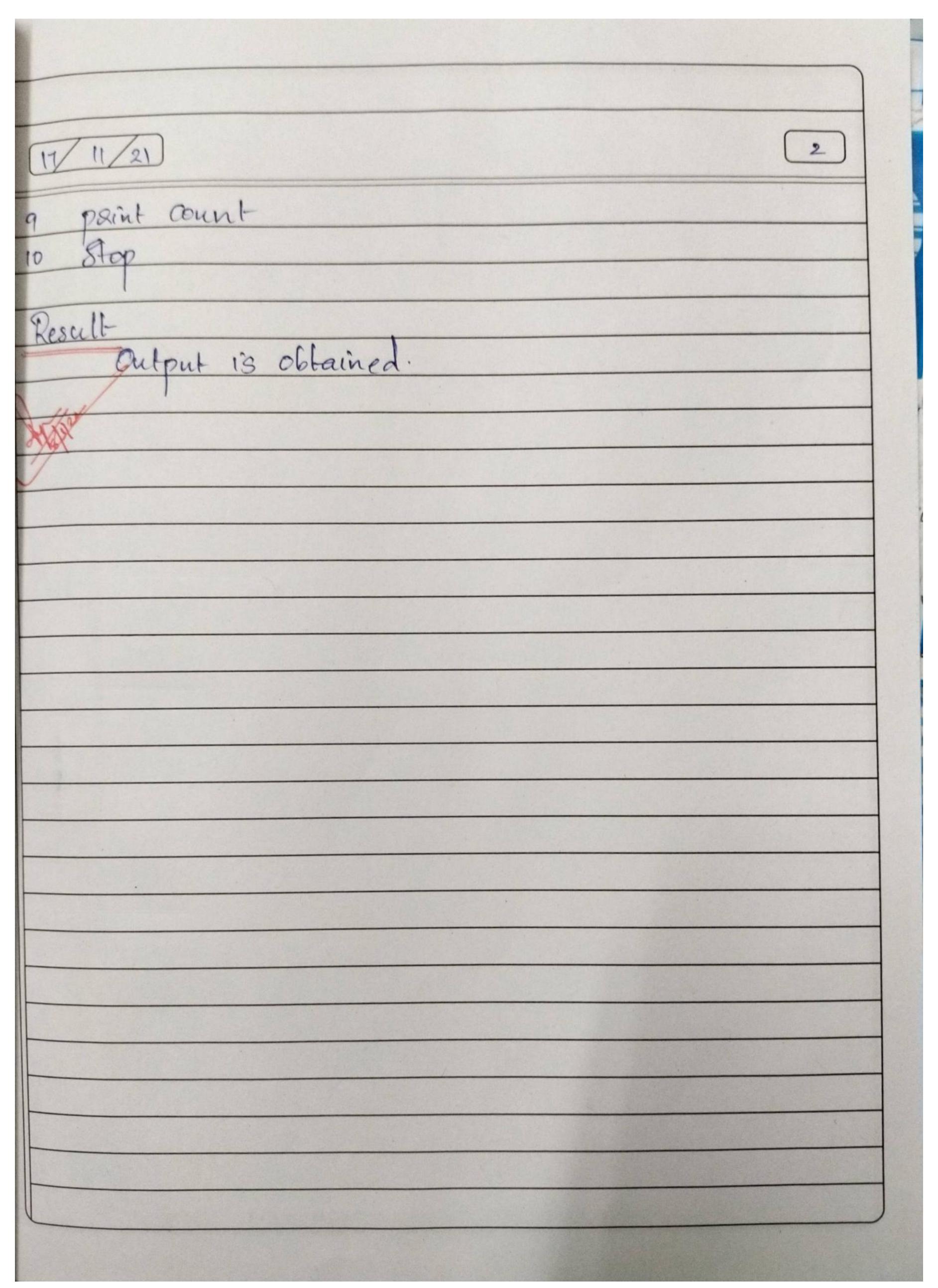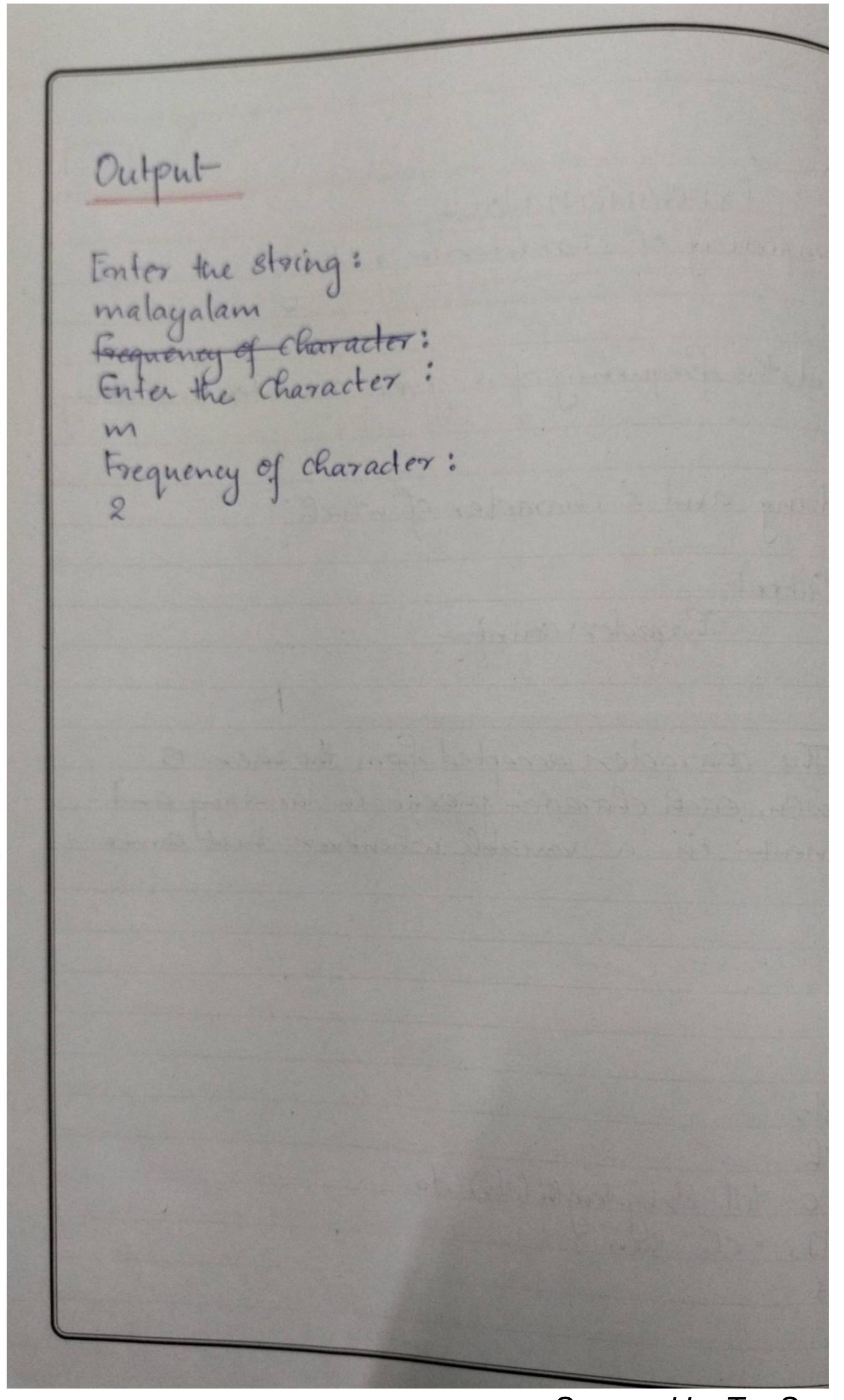# EXPERIMENT NO: 1
Frequency of character in a String

Aim

To find the frequency of a given character in a string

Input

A string and a character of which

Expected Output

Character count

Processing

The character accepted from the user is compared with each character present in the string and an increment in a variable whenever these comes a match

Algorithm.

1 Start
2 String str
3 char ch
4 for i = 0 till string_length (str) do
5 if str[i] == ch then.
6 count ++
7 End If
8 End for

9 print count
10 Stop

Result
         Output is obtained.

Output

Enter the string:
malayalam
~~Frequency of character:~~
Enter the character :
m
Frequency of character :
2

```java
import java.util.*;
public class freq
{
    static int count(String str,char c)
    {
        int i=0,n=0,l=str.length();
        while(i<l)
        {
            if(str.charAt(i)==c)
            n++;
            i++;
        }
        return n;
    }

public static void main(String args[])
{
    String str=" ";
    Scanner sr=new Scanner(System.in);
    System.out.println("Enter the string:");
    str=sr.nextLine();
    char c;
        System.out.println("Enter the character:");
    c=sr.next().charAt(0);
    System.out.println(count(str,c));
}
}
```