/\*File : Frequency.java

\*Description : To find the frequency of a charactor in a string and return the count of the character.

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PROGRAM

import java.util.Scanner ;

public class characterfreqency {

public static void main(String[] args){

String input;

char checkCharacter;

Scanner sc = new Scanner(System.in);

System.out.println("Enter the string");

input=sc.nextLine();

System.out.println("Enter the character which the frequency to be checked");

checkCharacter = sc.next().charAt(0);

int count=frequency(input,checkCharacter);

System.out.println("The number of occurance of the character in the string="+count );

}

static int frequency(String input,char checkCharacter){

int count=0;

char characterArray[]=input.toCharArray();

for(int i=0;i<input.length();i++)

{

if(checkCharacter == characterArray[i])

{

count++;

}

}

return count;

}

}

OUTPUT

Enter the string:

hello how are you

Enter the character which the frequency to be checked:

o

The number of occurance of the character in the string=3

Enter the string:

hello how are you

Enter the character which the frequency to be checked:

z

The number of occurance of the character in the string=0