

Program no:

Aim:

Count the number of characters (character frequency) in a string.

Program:

```
printf ("Character frequency in given string:")
```

```
string = str (input ("Enter a string: "))
```

```
d = {}
```

```
for i in string:
```

```
    if i in d:
```

```
        d[i] += 1
```

```
    else:
```

```
        d[i] = 1
```

```
print ("Count of all characters in the entered string: \n")
```

```
print (d)
```

Result:

The program has been executed and the output has been verified.



## Output :

.) Character Frequency in given string :

Enter a string :      hello how are you

Count of all characters in the entered string :

{ 'h': 2, 'e': 2, 'l': 2, 'o': 3, 'w': 1,  
'a': 1, 'r': 1, 'y': 1, 'u': 1 }

.) Character Frequency in given string :

Enter a string :      umbrella

Count of all characters in the entered string :

{ 'u': 1, 'm': 1, 'b': 1, 'r': 1, 'e': 1,  
'l': 2, 'a': 1 }