Aim:

Write and execute a Python program to find the character count of a string.

Input Format:

• The program should prompt the user to input a string.

Output Format:

• The program should display the character count in the following format:

```
Character count:
<character1>: <count1>
<character2>: <count2>
...
```

Source Code:

charCount.py

```python
#Type Content here...
n=input("string:")
print("Character count:")
#for i in n:
#  print(i,':'," ",n.count(i),sep="")
u={}
for i in n:
   m=n.count(i)
   if(i not in u):
      u[i]=m
for k,j in u.items():
   print("{}: {}".format(k,j))
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
string: CodeTantra
Character count:
C: 1
o: 1
d: 1
e: 1
T: 1
a: 2
n: 1
t: 1
r: 1

Test Case - 2

User Output
string: aaaaaabbbbbbccccccddddddd
Character count:
a: 6
b: 6
c: 6
d: 7