#1,

def count\_cha(input\_str):

al\_count = 0

num\_count = 0

special\_count = 0

for char in input\_str:if char.isalpha():

al\_count += 1

elif char.isdigit():

num\_count += 1

elif not char.isspace():

special\_count += 1

print("Alphabetic Characters:", al\_count)

print("Numeric Characters:", num\_count)

print("Special Characters:", special\_count)

input\_string = input("Enter a string: ")

count\_cha(input\_str)

#2

def al\_sp(string):

al\_count=0

special\_count=0

num\_count=0

alpha=False

special=False

for char in string:

if char.isalpha():

al\_count += 1

alpha=True

elif char.isdigit():

num\_count += 1

elif not char.isspace():

special\_count += 1

special=True

if alpha and special:

print("The string contain both alphabets and special characters. ")

else:

print("It contain both alphabets and special characters.")

string=input("Enter the string: ")

al\_sp(string)