

**Develop a program that accept an input string, count occurrences of all characters within a string.**

**To accept input string:**

```
input_string = "Python is a high-level, general-purpose programming language." #  
print("The input string is:", input_string)
```

The input string is: Python is a high-level, general-purpose programming la

**To count occurrences of all characters within a string:**

```
mySet = set(input_string) # To create a set of all the characters present in the  
for element in mySet:  
    countOfChar = 0  
    for character in input_string:  
        if character == element:  
            countOfChar += 1  
    print("Count of character '{}' is {}".format(element, countOfChar))
```

```
Count of character 'P' is 1  
Count of character 'u' is 2  
Count of character 'y' is 1  
Count of character 'e' is 6  
Count of character 'r' is 4  
Count of character 'h' is 3  
Count of character 'm' is 2  
Count of character ',' is 1  
Count of character 'v' is 1  
Count of character 'p' is 3  
Count of character '.' is 1  
Count of character 'i' is 3  
Count of character '-' is 2  
Count of character ' ' is 6  
Count of character 's' is 2  
Count of character 'l' is 4  
Count of character 'n' is 4  
Count of character 't' is 1  
Count of character 'g' is 6  
Count of character 'a' is 5  
Count of character 'o' is 3
```

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