

Aim:

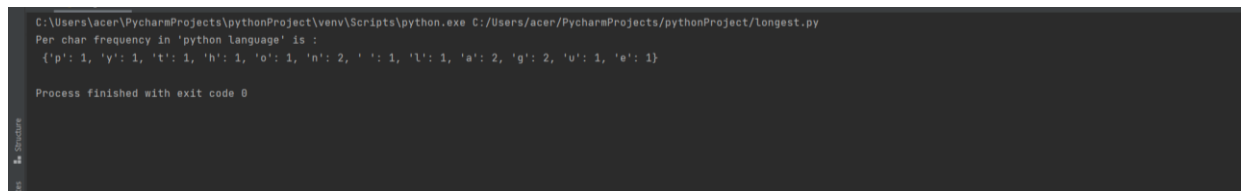
To count the number of characters (character frequency) in a string.

Algorithm:

```
input_string = "python language"
frequencies = {}

for char in input_string:
    if char in frequencies:
        frequencies[char] += 1
    else:
        frequencies[char] = 1

# Show Output
print("Per char frequency in '{}' is :\n {}".format(input_string,
str(frequencies)))
```

Output:

```
C:\Users\acer\PycharmProjects\pythonProject\venv\Scripts\python.exe C:/Users/acer/PycharmProjects/pythonProject/longest.py
Per char frequency in 'python language' is :
{'p': 1, 'y': 1, 't': 1, 'h': 1, 'o': 1, 'n': 2, ' ': 1, 'l': 1, 'a': 2, 'g': 2, 'u': 1, 'e': 1}

Process finished with exit code 0
```