

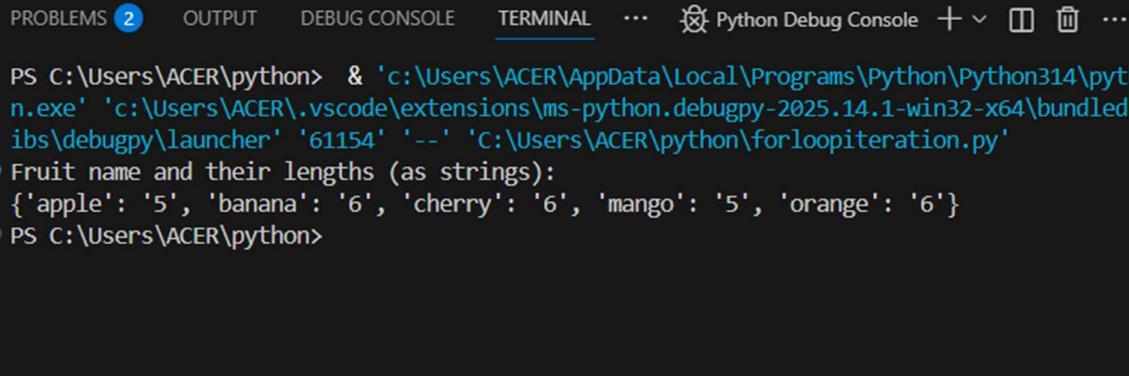
**Create a Python program that defines a list of fruits. Use a for loop to iterate through the list and store the fruit name and its length (as a string) in a dictionary. Print the final dictionary.**

**CODE:**

```
fruits = ['apple', 'banana', 'cherry', 'mango', 'orange']
fruit_lengths = {}
for fruit in fruits:
    fruit_lengths[fruit] = str(len(fruit)) # Store length as a string

print("Fruit name and their lengths (as strings):")
print(fruit_lengths)
```

**OUTPUT:**



```
PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL ... Python Debug Console + ▾ □ ⌂ ...  
PS C:\Users\ACER\python> & 'c:\Users\ACER\AppData\Local\Programs\Python\Python314\python.exe' 'c:\Users\ACER\.vscode\extensions\ms-python.debugpy-2025.14.1-win32-x64\bundled\libs\debugpy\launcher' '61154' '--' 'C:\Users\ACER\python\forloopiteration.py'  
Fruit name and their lengths (as strings):  
{'apple': '5', 'banana': '6', 'cherry': '6', 'mango': '5', 'orange': '6'}  
PS C:\Users\ACER\python>
```