

```
def calculate_char_frequency(string):  
    frequency = {}  
    for char in string:  
        if char in frequency:  
            frequency[char] += 1  
        else:  
            frequency[char] = 1  
  
    return frequency  
  
input_string = "hello world"  
result = calculate_char_frequency(input_string)  
  
print("Character frequencies:")  
for char, freq in result.items():  
    print(f"'{char}': {freq}")
```