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In [1]: ##1. Function to Remove Specific Character from a String:
    def remove_char(s, char):
        return s.replace(char, '')

s = "hello"
    char = '1'
    result = remove_char(s, char)
    print(f"String after removing '{char}': {result}")

String after removing '1': heo

In [2]: def count_char_occurrences(s, char):
    return s.count(char)

s = "hello"
    char = '1'
    result = count_char_occurrences(s, char)
    print(f"Number of occurrences of '{char}': {result}")

Number of occurrences of '1': 2
In []:
```