

#1: Function to Remove Specific Character from a String

```
def remove_char(s, char):  
    """  
    Removes all occurrences of a specific character from a string.  
  
    Args:  
        s: The input string.  
        char: The character to remove.  
  
    Returns:  
        The string without the specified character.  
    """  
    new_string = ""  
    for c in s:  
        if c != char:  
            new_string += c  
    return new_string  
  
input_string = "hello"  
char_to_remove = "l"  
output_string = remove_char(input_string, char_to_remove)  
print(f"Input string: '{input_string}'")  
print(f"Character to remove: '{char_to_remove}'")  
print(f"Output string: '{output_string}'")  
  
Input string: 'hello'  
Character to remove: 'l'  
Output string: 'heo'
```

#2: Function to Count Occurrences of a Character in a String

```
def count_char_occurrences(s, char):  
    """  
    Counts how many times a specific character appears in a string.  
  
    Args:  
        s: The input string.  
        char: The character to count.  
  
    Returns:  
        The count of occurrences of char in s.  
    """  
    count = 0  
    for c in s:  
        if c == char:  
            count += 1  
    return count  
  
input_string = "hello"
```

```
char_to_count = "l"  
occurrence_count = count_char_occurrences(input_string, char_to_count)  
print(f"Input string: '{input_string}'")  
print(f"Character to count: '{char_to_count}'")  
print(f"Count of occurrences: {occurrence_count}")
```

```
Input string: 'hello'  
Character to count: 'l'  
Count of occurrences: 2
```