

~\Desktop\Basic Programming in Python II\Week 3 Coding.ipynb

```
1 def repeat_characters(input_string: str, repeat_count: int) -> str:
2     """
3     Repeats each character in the input string the specified number of times.
4
5     Args:
6         input_string (str): The input string.
7         repeat_count (int): The number of times to repeat each character.
8
9     Returns:
10        str: The resulting string with characters repeated.
11    """
12    if not isinstance(input_string, str) or not isinstance(repeat_count, int) or
repeat_count <= 0:
13        raise ValueError("Invalid input. The input string must be a string and repeat_count
must be a positive integer.")
14
15    repeated_string = ""
16    for char in input_string:
17        repeated_string += char * repeat_count
18
19    return repeated_string
20
21 # Example usage:
22 input_str = "hello"
23 repeated_str = repeat_characters(input_str, 3)
24 print(repeated_str) # Output: "hhheeeellllllooo"
25
26 repeat_characters("xoxo", 2) # Output: "xxoxxoo"
```