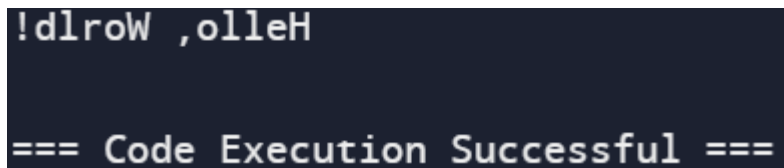


**7.write a program to print the reverse of string using recursion**

**PROGRAM:-**

```
Def reverse_string(s):  
    if len(s) == 0:  
        return s  
    else:  
        return reverse_string(s[1:]) + s[0]  
  
input_str = input("Enter a string: ")  
print("Reverse of the string:", reverse_string(input_str))
```

**output:-**



The screenshot shows a dark-themed terminal window. The first line of output is "!dlrow ,olleH", which is the reverse of the input string "Hello, world!". The second line of output is "=== Code Execution Successful ===".

**Time complexity:- $O(n)$**