

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

Aim:To print the reverse of string using recursion

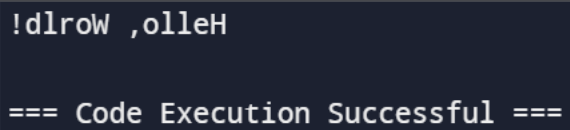
Program:

```
def reverse_string(s):  
    if len(s) == 0:  
        return s  
    else:  
        return reverse_string(s[1:]) + s[0]
```

Test the function

```
input_string = "Hello, World!"  
reversed_string = reverse_string(input_string)  
print(reversed_string)
```

Output:



```
!dlrow ,olleH  
=== Code Execution Successful ===
```

Time complexity:-O(n)