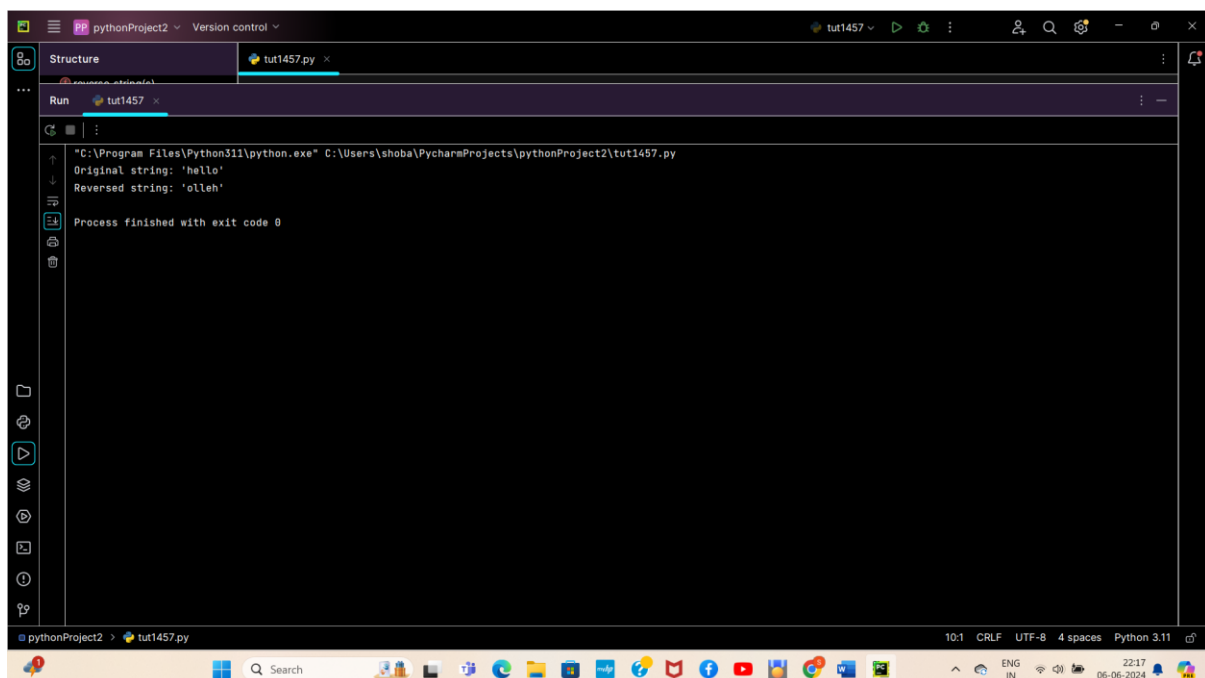# CSA0670-Design and Analysis of Algorithms for Tractability Problems.

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

Program:

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

s = "hello"
reversed_s = reverse_string(s)
print("Original string: '{}'".format(s))
print("Reversed string: '{}'".format(reversed_s))
```

Output:

Time Complexity: O(n)