11.Write a program to find the reverse of a given number using recursive.

Program:

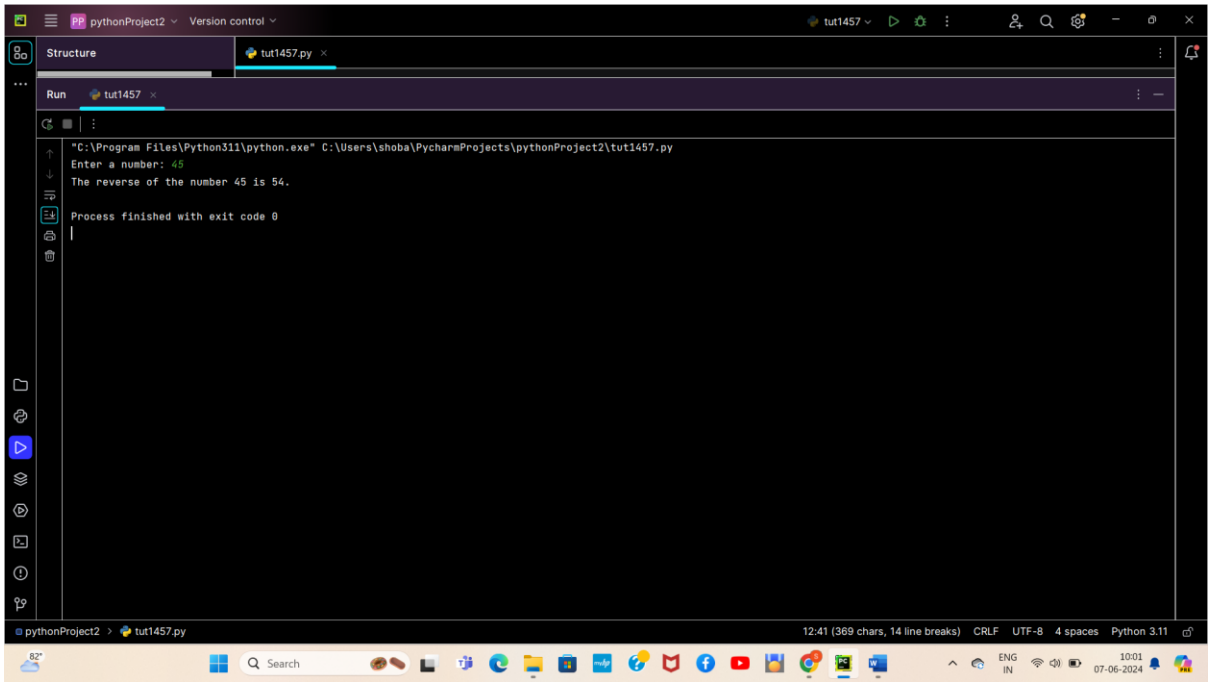
```python
def reverse_number(n, reversed_n=0):
    if n == 0:
        return reversed_n
    else:
        last_digit = n % 10
        reversed_n = reversed_n * 10 + last_digit
        return reverse_number(n // 10, reversed_n)


number = int(input("Enter a number: "))

reversed_number = reverse_number(number)

print(f"The reverse of the number {number} is {reversed_number}.")
```

Output:



Time Complexity: O(log10n)