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

Code:

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

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

print(f"Reversed number: {reversed_number}")
```

Output:

```
Enter a number: 1234
Reversed number: 4321
```

Time Complexity:

- T(n)= O(logn)