**Experiment no – 01 (F)**

**Aim:** Write a recursive function to print the factorial for a given number.

**Theory:-**

**Practical Implementation**:-

**Code**:-

def recur\_factorial(n):

if n == 1:

return n

else:

return n\*recur\_factorial(n-1)

num = int(input("Enter the number ="))

if num < 0:

print("Sorry, factorial does not exist for negative numbers")

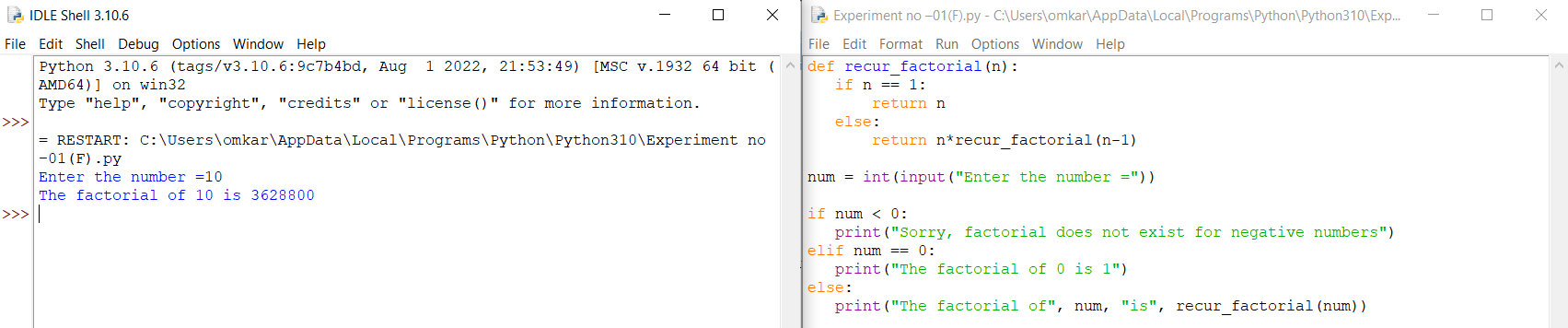
elif num == 0:

print("The factorial of 0 is 1")

else:

print("The factorial of", num, "is", recur\_factorial(num))

**Output:-**

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**Conclusion:-** This is program successfully run.