```python
# Day 4 Assignment
# Define a function which will take a number as argument and return its factorial.
# Call the function to  print factorial of any number(interger).
num = int(input("Enter a number: "))
factorial = 1
if num < 0:
    print(" Factorial does not exist for negative numbers")
elif num == 0:
    print("The factorial of 0 is 1")
else:
    for i in range(1,num + 1):
        factorial = factorial*i
    print("The factorial of",num,"is",factorial)
```

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Enter a number: 5
The factorial of 5 is 120
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