

**Aim:**

Write a program to find the factorial of a given number

**Source Code:****Fac.py**

```
n=int(input("Enter a number: "))
fact=1
for i in range(1,n+1):
    fact=fact*i
print("Factorial of %d is %d"%(n,fact))
```

**Execution Results - All test cases have succeeded!**

Test Case - 1
User Output
Enter a number: 4
Factorial of 4 is 24

Test Case - 2
User Output
Enter a number: 15
Factorial of 15 is 1307674368000

Test Case - 3
User Output
Enter a number: 1
Factorial of 1 is 1