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# Python 3 program to find  
# factorial of given number
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# Function to find factorial of given number  
def factorial(n):
```

```
    res = 1
```

```
    for i in range(2, n+1):
```

```
        res *= i
```

```
    return res
```

```
# Driver Code
```

```
num = 5
```

```
print("Factorial of", num, "is",  
factorial(num))
```