```python
fact=1
num=int(input("enter the number:"))
org=num
while num > 0:
    fact=fact*num
    num=num-1
    print("the factorial of" , org, "is", fact)
```

```
enter the number:5
the factorial of 5 is 5
the factorial of 5 is 20
the factorial of 5 is 60
the factorial of 5 is 120
the factorial of 5 is 120
```