```python
def factorial(n):
    if n == 0:
        return 1
    else:
        return n * factorial(n-1)
n=int(input("Input a number to compute the factiorial : "))
print(factorial(n))
```

```
Input a number to compute the factiorial : 5
120

================================================================ RESTART: C:\Users\nagir\factorial number.py ======
Input a number to compute the factiorial : 3
6

================================================================ RESTART: C:\Users\nagir\factorial number.py ======
Input a number to compute the factiorial : 4
24

================================================================ RESTART: C:\Users\nagir\factorial number.py ======
Input a number to compute the factiorial : 6
720
```