```python
# Generating a factorial function

# By method of defining a function
def fact(x):
    p = 1
    for i in range(1,x+1): # using Python's range function as in-built counter
        p = p*i
    return p

print(fact(30))
print(fact(23))
print(fact(7))
print(fact(14))
print(fact(44))
```

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265252859812191058636308480000000
25852016738884976640000
5040
87178291200
2658271574788448768043625811014615890319638528000000000
```