

```
# Leapyear
```

```
def isLeapYear(year):  
    if (year % 4 == 0 and year % 100 != 0) or year % 400 == 0:  
        return True  
    else:  
        return False
```

```
year=int(input("Enter a year :"))
```

```
if isLeapYear(year):  
    print('{} is a leap year.'.format(year))  
else:  
    print('{} is a not leap year.'.format(year))
```

main.py

```
def fact_rec(n):  
    if n==0 or n==1:  
        return 1  
    else:  
        return n*fact_rec(n-1)  
  
number =int(input("Enter a given number:"))  
res=fact_rec(number )  
  
print("The factorial of {} is {}".format(number,res))
```