



main.py

content://media/external/downloads/



```
import math
```

```
x = 5
```

```
# returning the factorial  
print("The factorial of 5 is : ", end="")  
print(math.factorial(x))
```

```
# Python program to check if year is a leap
year or not

year = 2000

# To get year (integer input) from the user
# year = int(input("Enter a year: "))

# divided by 100 means century year (ending
with 00)
# century year divided by 400 is leap year
if (year % 400 == 0) and (year % 100 == 0):
    print("{0} is a leap year".format(year))

# not divided by 100 means not a century year
# year divided by 4 is a leap year
elif (year % 4 == 0) and (year % 100 != 0):
    print("{0} is a leap year".format(year))

# if not divided by both 400 (century year)
and 4 (not century year)
# year is not leap year
else:
    print("{0} is not a leap
year".format(year))
```