```python
def fact_rec(n):
    if n==0 or n==1:
        return 1
    else:
        return n*fact_rec(n-1)

number =int(input("ENTER A VALUE:"))
res=fact_rec(number)

print("The factorial of {} is {}".format(number, res))
```

main.py

Run

Challenge1.1

ENTER A VALUE:1
The factorial of 1 is 1

```python
"""  year % 4 == 0 &
year % 100 != 0 /
year % 400 == 0   """


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 leap
year.".format(year))
else:
  print("{} is not a leap year.
".format(year))
```

Ln 17, Col 48    History

main.py    ⋮

▶ Run

```
Enter a year:2020
2020 is leap year.
>
```

Run