```python
def isleapyear(year):
    if(year%4==0 and year%100!=0) or year%400==0:
        return True
    else:
        return False
year=2012
if isleapyear(year):
    print("{} is a leapyear.".format(year))
else:
    print("{} is not a leapyear.".format(year))
```

Ln 1, Col 1   History ⟲

🐍 main.py   ⋮

⊟   ⟳   ▶ Run   ⊞

```
2012 is a leapyear.
>
```

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


number = 2
res = fact_rec(number)
print("the factorial of{}is{}.".format(number, res))
```

```
the factorial of2is2.
>
```