```
\equiv Challenge 1.1 (1) \vee \otimes
```



```
1 \ def fact_rec(n):
    if n == 0 or n == 1:
3
        return 1
4 ,
    else:
5
        return n * fact_rec(n - 1)
6
7
    number = 2
8
9
    res = fact_rec(number)
10
11 print("The factorial of {} is
    {}.".format(number, res))
```

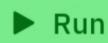
Ln 11, Col 56 History 🔊



e main.py











```
The factorial of 2 is 2.
                 >_ Console
```







```
    □ Challenge 1.2 (1) ∨ ⊗
```



```
1 #leapyear
2 \ def isleapyear(year):
3 _
      if(year%4 == 0 and year%100!= 0)
    or year%400 == 0:
4
         return True
5 _
    else:
6
         return False
7
8
   year = int(input("Enter a year :"))
9
10 √ if isleapyear(year):
11
     print('{} is a leapyear
      .'.format(year))
12 v else:
13
    print('{} is not a leap
     year.'.format(year))
```

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main.py





