



Challenge 1.1 (1) ▾ ↺



```
1 ▾ def factorial(n):  
2 ▾     if n == 1:  
3         return n  
4 ▾     else:  
5         return n*factorial(n-1)  
6 num = int(input("Enter any number:  
    "))  
7 ▾ if num < 0:  
8     print("Factorial does not  
    exist for negative numbers")  
9 ▾ elif num == 0:  
10     print("The factorial of 0 is  
    1")  
11 ▾ else:  
12     print("The factorial of", num,  
    "is", factorial(num))  
13
```

Ln 1, Col 1 History ↺



main.py



Run





Challenge 1.1 (1) ▾ ↺



```
Enter any number: 7  
The factorial of 7 is 5040
```



>_ Console



Run





```
1
2
3 year = 2000
4 v if (year % 400 == 0) and (year % 100
   == 0):
5     print("{0} is a leap
   year".format(year))
6 v elif (year % 4 == 0) and (year % 100
   != 0):
7     print("{0} is a leap
   year".format(year))
8 v else:
9     print("{0} is not a leap
   year".format(year))
```





Challenge 1.2 (1) ▾



```
2000 is a leap year
```



>_ Console



Run

