



Challenge 1 (2) ✓



```
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 number ")  
9 ✓ elif num == 0:  
10  |     print("The factorial of 0 is 1")  
11 ✓ else:  
12  |     print("The factorial  
   |     of",num,"is",factorial(num))
```

Ln 1, Col 1 History ↻

main.py



▶ Run





Challenge 1 (2) ✓



Enter any number:7

The factorial of 7 is 5040



>_ Console



Run





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```
1 # Python program to check if year is a
  leap year or not
2 year = int(input("Enter a year: "))
3 if (year % 400 == 0) and (year % 100 == 0):
4     print("{0} is a leap
    year".format(year))
5 elif (year % 4 == 0) and (year % 100 != 0):
6     print("{0} is a leap
    year".format(year))
7 else:
8     print("{0} is not a leap
    year".format(year))
```

Ln 1, Col 1 History ↺

 main.py



▶ Run





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```
Enter a year: 2004  
2004 is a leap year
```



>_ Console



Run

