



Challenge 1.1 :



Exit

```
1 ✓ def fact_rec(n):  
2   | if n == 0 or n == 0:  
3   |     return 1  
4   | else:  
5   |     return n*fact_rec(n-1)  
6  
7 number=int(input ("Enter a value:"))  
8 res=fact_rec(number)  
9 print("The factorial of" ,number," is  
   ",res)
```

Ln 9, Col 45 History 

main.py



Run





```
Enter a value:4  
The factorial of 4 is 24  
❏
```



>_ Console



Run





Challenge 1.2 :



Exit

```
1 ✓ def isleapyear(year):  
2 ✓     if (year % 4 == 0 and year % 100 != 0)  
   or year % 400 == 0:  
3       return True  
4 ✓     else:  
5       return False  
6  
7     year = int(input("Enter a year: "))  
8 ✓     if isleapyear(year):  
9         print(year, ' is leap year')  
10 ✓ else:  
11     print(year, ' is not a leap year')  
12  
13 |
```

Ln 13, Col 3 History 

main.py



Stop





```
Enter a year: 4
4 is leap year
>
```



>_ Console



Run

