



## Challenge 1.1 :

Exit

```
1 v def factorial(n):  
2 v     if n == 0:  
3         return 1  
4 v     else:  
5         return n * factorial(n - 1)  
6 result = factorial(5)  
7 print(result)
```

Ln 1, Col 1 History ↺



main.py



Run





120



&gt;\_ Console



Run





## Challenge 1.2 :

Exit

```
1
2 year = int(input("Enter a year: "))
3
4
5 v if (year % 4 == 0 and year % 100 != 0)
   or (year % 400 == 0):
6     print(year, "is a leap year.")
7 v else:
8     print(year, "is not a leap year.")
```

Ln 4, Col 1 History ↺



main.py



Run





## Challenge 1.2 :



Exit

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



&gt;\_ Console



Run

