

Unit 1 - Fundamentals of Python



✓ 61 / 61 complete



☰ Pythonnumbers

Review



☰ Number_IntMax

Review



☰ stringintro

Review



☰ stringaccessing

Review



☰ stringnegativeaccessing

Review



☰ OperatorsArthematic_relational

Review



☰ AssignmentOperator_shorthand

Review



☰ Operators_logical

Review



☰ list1

Review



☰ list2

Review



☰ ListOperations

Review



☰ Challenge 1.1 (1) ☑ ☁



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



main.py



Run





Challenge 1.1 (1) ✓



ENTER A VALUE:7

The factorial of 7 is 5040



>_ Console



Run





☰ Challenge 1.2 ☑ ☁



```
1  """ year % 4 == 0 &
2  year % 100 != 0 /
3  year % 400 == 0 """
4
5
6  def isleapyear(year):
7      if( year % 4 == 0 and year % 100
      != 0) or year % 400 ==0:
8          return True
9      else:
10         return False
11
12  year= int(input("Enter a year:"))
13
14  if isleapyear(year):
15      print("{} is leap
      year.".format(year))
16  else:
17      print("{} is not a leap year.
      ".format(year))
```

Ln 17, Col 48 History ⌚



main.py



Run





Challenge 1.2



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



>_ Console



Run

