Next Lesson

dictaddingelement

Unit 1 - Fundamentals of Python

12 / 61 complete

✓	≡ Pythonnumbers	Review
✓	≡ Number_IntMax	Review
✓	≡ stringintro	Review
✓	≡ stringaccessing	Review
✓	≡ stringnegativeaccessing	Review
✓	≡ OperatorsArthemetic_relational	Review
✓	≡ AssignmentOperator_shorthand	Review
✓	≡ Operators_logical	Review
✓	≡ list1	Review
✓	≡ list2	Review
✓	≡ ListOperations	Review
✓	≡ dict1	Review

≡ Challenge 1.1 ∨ ✅

```python
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   number =int(input("ENTER A VALUE:"))
8   res=fact_rec(number)
9
10  print("The factorial of {} is
    {}".format(number, res))
```

Ln 10, Col 55   History ↺

🐍 main.py   ⋮

▶ Run

```
ENTER A VALUE:9
The factorial of 9 is 362880
```

Console

▶ Run

```python
"""   year % 4 == 0 &
year % 100 != 0 /
year % 400 == 0  """


def isleapyear(year):
    if( year  % 4 == 0 and year  % 100 != 0) or year  % 400 ==0:
        return True
    else:
        return False

year= int(input("Enter a year:"))

if isleapyear(year):
    print("{} is leap year.".format(year))
else:
    print("{} is not a leap year.".format(year))
```

Ln 17, Col 48   History

main.py

▶ Run

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

>_ Console

▶ Run