Fundamentals of Coding & Cloud

100% COMPLETE

All lessons have been completed.

Unit 1 - Fundamentals of Python

✔ 61 / 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**

```python
def fact_rec(n):
    if n == 0 or n == 1:
      return 1
    else:
      return n * fact_rec(n - 1)


number = int(input("ENTER A VALUE:"))
res = fact_rec(number)

print("The factorial of {} is {}".format(number, res))

```

```
ENTER A VALUE:4
The factorial of 4 is 24
>
```

Run

```python
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

Enter a year:2005
2005 is not a leap year.