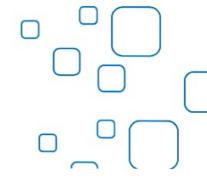# Fundamentals of Coding & Cloud

Fundamentals of Coding & Cloud

70% COMPLETE

Next Lesson

Circle class example

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**

```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:1
The factorial of 1 is 1
>
```

```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.
>
```