Fundamentals of Coding & Cloud

64% COMPLETE

Unit 1 - Fundamentals of Python

✓ <> Pythonnumbers

✓ <> Number_IntMax

✓ <> stringintro

✓ <> stringaccessing

✓ <> stringnegativeaccessing

✓ <> OperatorsArthemetic_relational

✓ <> AssignmentOperator_shorthand

✓ <> Operators_logical

✓ <> list1

Challenge1.1 (3) ✓

```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:3
The factorial of 3 is 6
▶ ▮

⌄ Console

▶ 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:2004
2004 is leap year.
>
```