Challenge 1.1 Exit

```
#Write a program that determines whether a year entered by the user is a leap year or not using if-elif-else statements.
"""
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):  # Call the function and pass the 'year' variable
  print('{} is a leap year.'.format(year))
else:
  print('{} is not a leap year.'.format(year))

```

Ln 1, Col 1 History

main.py

Run

```python
# Implement a recursive function to calculate the factorial of a given number.
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))

```