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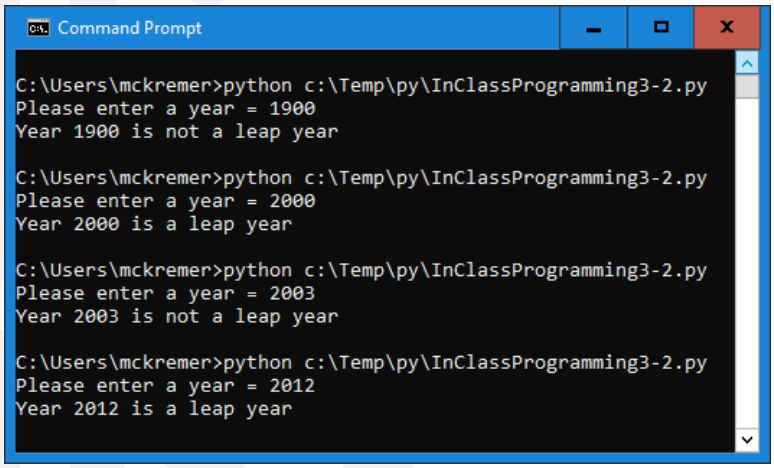
In-Class Programming 3 (Section 2)

Create the following program to determine whether an entered year is a leap year or not:

- User enters a 4-digit year (integer number), store the entered number into a variable named year
- First test this variable whether it is divisible by 100
  - If it is, then test this variable whether it divisible by 400
    - If it is, display a message 'Year [2000] is a leap year' (where [2000] is the value of the variable)
    - If it is not divisible by 400, display a message 'Number [1900] is not a leap year' (where [1900] is the value of the variable)
- If the variable is not divisible by 100
  - Test whether this variable is divisible by 4
    - If it is, display message 'Year [2016] is a leap year' (where [2016] is the value of the variable)
- Number is not divisible by 100 or 4, display a message ''Number [2021] is not a leap year' (where [2021] is the value of the variable)

Test this program with the following values:
1900, 2000, 2003, 2012
The output window should look like this:



Upload the following files to Canvas:

- Screenshot of the executed code in command line/terminal window (either pasted into a Word document or as an image)
- Text file of your code named InClassProgramming3-2.py (put your name and section as comments at the top of file)

Notes:

- Upload the files (screenshot(s) and Python code as text file(s))
- Your code should contain some meaningful comments
- Your code should be well organized and formatted