CSE 2050

Lab 1
Due: 09/05/2022

When completed, scan and send solutions to joseph.steenhuisen@uconn.edu

Coding Question 1

Create a python program that will determine if a given year is a leap year. Using nested if….else statements, follow the guideline below to create your leap year program.

"A leap year is exactly divisible by 4 except for century years (years ending with 00). The century year is a leap year only if it is perfectly divisible by 400. "

Examples: Examples in program:
2017 is not a leap year   Input: 2017   Output: False
1900 is not a leap year   Input: 1900   Output: False
2012 is a leap year   Input: 2012   Output: True
2000 is a leap year   Input: 2000   Output: True

Coding Question 2

Given an integer, create a program that will calculate the amount of digits in the integer.

Examples: Examples in program:
7 has 1 digit   Input: 7   Output: 1
82 has 2 digits   Input: 82   Output: 2
459 has 3 digits   Input: 459   Output: 3
9231 has 4 digits   Input: 9231   Output: 4