

Week 3

Monday Exercises

January 28 2019

Exercise 1

Create a program called **romanNumeral** that takes in an integer and converts it to a Roman Numeral.

This function should only take in 1 parameter called **num**.

You only need to worry about cases where $0 \leq \text{num} \leq 10$

Ex: `romanNumeral(9)` \Rightarrow IX

Google what represents what in Roman Numerals

Exercise 2

Create a function called **isLeapYear** that takes in a year as an integer and returns whether or not the given year is a leap year.

This function only takes in one parameter called **year**

Year	Result
Not divisible by 4	Not a leap year
Divisible by 4	Leap year
Divisible by 100	Not a leap year
Divisible by 400	Leap year