

## Chapter 5 - Programming with Methods Practice

Today you will write two programs that focus on implementing methods. You will receive a link to the GitHub assignment. Upload the 2 java files.

**Program 1:** Name this program: timeEnglish.java

Write a program that includes the method:

```
String getTimeName(int hours, int minutes)
```

that returns the English name for a point in time, such as "ten minutes past two", "half past three", "a quarter to four", or "five o'clock". Assume that hours is between 1 and 12.

**Program 2:** Name this program: romanNumerals.java

Write a program that converts a number to its representation in Roman numerals. Implement and use the following method:

```
public static String romanDigit(int n, String one, String five, String ten)
```

This method translates one digit, using the strings specified for the one, five, and ten values. You would call the method as follows:

```
romanOnes = romanDigit( n%10, "I", "V", "X");  
n = n / 10;  
romansTen = romanDigit( n%10, "X", "L", "C");
```