Section Activity #1: Extracting Digits from an Integer

Your Names:

Directions: In groups of two (or three, if need be), complete the following activity. This section activity will be graded; all students in the group will receive the same score. Make sure that the names of all group members are on the page you submit to your section leader. Section Meeting 2 (2014/01/22-23)

Task: Complete the following Java program with assignment statements that cause the program to display the three digits of any three-digit integer value (not just the one hard-coded into the program as an example!). Be aware that the *modulo* operator (symbol: %) gives the remainder of an integer division, and the *division* operator (symbol: /) produces an integer result when given two integer operands. You may add more variables if you wish to do so.

Here's the expected output for 815:   `The three digits of 815 are 8, 1, and 5.`

```java
public class SectionActivity01
{

    public static void main (String [] args)
    {

        int givenInteger, leftDigit, middleDigit, rightDigit;

        givenInteger = 815;

                // Place your assignment statements here



        System.out.println("The three digits of " + givenInteger
                    + " are " + leftDigit + ", " + middleDigit
                    + ", and " + rightDigit + ".");
    }

}
```