Agenda / Learning Objectives:
1. Run the following command and extract lab13.tar in your venus account (note the dot):
   
   ```
   cp ~ctse/cs211/lab13.tar . ; tar xvf lab13.tar
   ```

2. Complete the test bank questions from chapter 6 and 7 and check the answers in piazza (under Resources)

3. Complete the following exercise from the textbook

   **Chapter 8 question 6: My Integer**

   Define a class named `MyInteger` that stores an integer and has methods to get and set the integer's value. Then, overload the [] operator so that the index returns the digit in position \( i \), where \( i=0 \) is the least significant digit. If no such digit exists then -1 should be returned.

   For example, if \( x \) is of type `MyInteger` and it is set to 418, then \( x[0] \) should return 8, \( x[1] \) should return 1, \( x[2] \) should return 4, and \( x[3] \) should return -1.

   Hint: Use / and % to extract a single digit from an integer. You might want to use the pow function to compute \( 10^i \). The function is defined in Appendix 4 and requires the cmath library.