CSE215L: Programming Language II Lab
In-class Assignment: Week 1
Full Marks: 100

1. Imagine that you are writing a program for NSU students. This trivial program takes the NSU ID of a student, the full name of the student and two additional inputs and displays the major and status of him/her. Details of the two additional inputs is given below:

   The first is a character that can be both upper or lowercase and indicates the major.

   The second is a roman number string I, II, III, IV, which indicates whether a student is a freshman, sophomore, junior, or senior respectively. These are also valid if the user provides them in lowercase.

   Assume that the following characters are valid for the first character:
   a. 'C' or 'c': Computer Science and Engineering
   b. 'B' or 'b': Business Administration
   c. 'M' or 'm': Microbiology

   If the user enters something invalid for the last two inputs, display an error message and exit the program. See the following examples for sample input and corresponding output.

   Example 1:
   ```
   Enter your ID: 1234567
   Enter your name: John Doe
   Enter the major information: C III
   You are John Doe, 1234567, Computer Science and Engineering Junior.
   ```

   Example 2:
   ```
   Enter your ID: 1234567
   Enter your name: John Doe
   Enter the major information: H II
   Sorry, invalid major information.
   ```

   Example 3:
   ```
   Enter your ID: 1234567
   Enter your name: John Doe
   Enter the major information: B X
   Sorry, invalid major information.
   ```

   Example 4:
   ```
   Enter your ID: 1234567
   Enter your name: John Doe
   Enter the major information: m ii
   You are John Doe, 1234567, Microbiology Sophomore.
   ```