ICS4U1 - ASSIGNMENT #2

Create a folder called Assignment 2 and put the following projects in it. Document the indicated programs fully with a header and appropriate comments.

1. Complete Exercise #2 questions 2, 3 and 4. Complete these programs with the appropriate recursive functions defined and working.

2. Complete Exercise #2 question 6 – input a set of points, store them in a vector using a structure and calculate the slope for any pair.

3. Complete Exercise #2 question 7 - manage a list of students using structures and vectors.

4. Create a program that reads a text file, named intext.txt, and writes an edited version of the file, named outtext.txt. The output file will contain the same text but each line will be as long as possible but not longer than a user specified maximum length that would be typed in from the keyboard. Words are added to the line until the addition of the next word would produce a line longer than the maximum length. This will create columns of text in the output file.

   e.g.

   Maximum length: 20

   Create a program
   that reads a text
   file and outputs an
   edited version of
   the file.

DUE DATE: Friday March 31