**ICS4U Assignment**

**Name(s):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Instructions:**

Using your knowledge of File IO and Arrays you will read in the file of numbers from the file called rawNumbers.csv and then find and display the following:

* The smallest number in the list
* The largest number in the list
* The average of all the numbers in the list
* The first and last 5 numbers in the list

You can do this without arrays but it is strongly recommended to first read in the numbers into an array and then process the array to complete the requirements. You may work in your groups. Any evidence that there is cross group collaboration will be treated as cheating.

You will be marked on correctly solving the problem (this means you cannot manually find the answers and then simply display them). The assumption is that you are not looking at the file but are instead having your program do all the work for you. You will also be marked on the format of your displayed results. An example of a poorly formatted output would be to just list all the values. Although it may be correct, it will have little meaning. Include titles, subtitles, descriptions etc.

**Due Date: Tues. April 21, 2020**

**Submission Instructions:**

**Upload your java file only by midnight of the due date through our class website. Make sure all members names are displayed in full in the comment section of your code. You are always expected to fully document and format all your code for all submitted assignments. When creating your project, name your java class file the full name of one member of your group. For example joeSchmo.java. This will be the file that you submit to me.**

**Marking Scheme:**

**TI 10**

**To what extent was the problem solved?**

**Were the results accurate?**

**Did you follow the assignment requirements?**

**COMM 10**

**How were the results displayed?**

**Was your code documented and formatted properly?**