**ICP\_Project Reflection:**

The entire project was a mixture of tedious, easy, pleasurable and distressing. There were moments where I underestimated the workload of the project (when I perceived it from a broader perspective). However, upon further inspection, I realized it was not as easy as I perceived it to be.

I started the project by creating a draft class called Project. I proceeded to create a main method by convention and started practicing the various means I could read the data in the given files. After achieving effortless success with that aspect, I began planning my implementation of the project.

This is where my immense struggle began as I was alternating between the various data structures and types to use. I particularly struggled with the implementations of my Array list and hashmap data types in sorting out the read files from the given texts.

After creating a distinct class for each data file I was given, I easily created a read method to reach each data from the file and stored them in both hashmaps and array lists, in case I need one over the other.

The next problem I encountered was during my implementation of a “Project” file class I created to run the code I input. Generally, it was my little understanding of the modifiers learnt in class and how they were used that helped me overcome the arduous task of referencing classes and methods.

After that, my next challenge emerged when I proceeded to implementing the input and output aspects of the project. Personally, this aspect was the hardest and most time consuming. This is because in addition to simultaneously extracting data from the data files I was given and extracting data from the input, I had to implement a search algorithm.

Conclusively, although my overall experience was more arduous than pleasant, I would like to confess that I acquired some key lessons from my experience in coding this project. I however hope that by the end of this course, undertaking this kind of project will be less arduous and a more pleasant learning experience.