|  |  |
| --- | --- |
| Drive Full Name | Zain Huda |
| Partner Full Name | Andrew L |
| Student ID |  |

Reflection

Objective:

The aim of this lab was to improve my ability i writing, inputs and outputs, and applying mathematical functions. Additionally, I had to improve my ability to make algorithms and test cases, while listening to the directions and guidelines.

Procedure:

In order to finish the lab and complete the assinment, Andrew and I first needed to devise a plan. We began by examining the readme to grasp the problem. Following this, we developed an algorithm to convert our coding concepts into a format that could be easily understood by anyone, regardless of their coding background. Once the algorithm was ready, we created test cases using the formulas learned in the lab, documented in Excel spreadsheets. We then started the pair programming, using the algorithm and test cases to write the code.

Results:

After finishing the code, we tested it by comparing the outputs from the test cases in the Excel file we had prepared earlier. By using the same numbers, my partner and I verified that our code was right, as the test cases gave us the correct results.

Reflection:

The main challenge in this lab was that I had strep throat. This made communication and collaboration very difficult. Additionally, the difficulty of this lab was higher than the previous one, requiring extra attention and effort to achieve the finish this lab. Even with these obstacles, we managed to push through them by communicating online which helped us finish our code.

Key lessons from this lab include the importance of thoroughly understanding the readme before beginning any writing or programming. This lab also underscored the significance of testing, particularly with Excel. I believe I have done the objectives for this lab, and it was great meet more of the class. I got to work along with a new classmate. Now, I have another person in the class to discuss questions with, study together, or work through class problems.