**Intro to Programing 2 – CA3 write up**

## In this write up I will explain the process and challenges of completing or my attempt at completing the CA3 that was given to me over the easter break.

## What you found most difficult about creating the program

What I found difficult about the assignment like with most of programming is remembering the formulas and process in which I must use to complete the objectives asked of me. I can overcome this by going through the notes I’ve taken from the past classes as well as using previous code examples from class work to help build foundations for my projects code.

## A list of any elements which are not working.

At first even though I had my methods written out the were not working as I missed a simple mistake on the “StreamReader” code as I had originally written it as “StreamWriter”. Once I fixed this mistake and corrected some small syntax variables, I had all my code working.

## A brief description of how you tested your file handling.

For testing the file handling of my program, I made sure that my code would read in the files from the correct fields directly from the CSV famine file so there was vary little risk of a mistake when getting the results needed for the code. Also for the age listing section of the method I rigged it that it would consider passengers with there ages listed in months e.g. “ passenger X is 6 months old “ as an infant or if there wasn’t sufficient data for a proper age evaluation the age would be counted in the “Unknown” age count

## Details of any extras you have done or considerations you might want to draw our attention to. You might also want to highlight any language features you’ve investigated or used or how you’ve structured your code to make it easier to maintain and test.

I mainly focused on trying to get the program working so I did not add any extra features to the program, that being said if I were to add anything I would make it that each ship would be organised into a array showing all the listed details in a table pattern

Remember that we might discuss your solution with you in class, so you need to be clear about what choices you made and why.