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ENGR29700 Homework 5

**Part 1:**

Chart

Description automatically generated

**Part 2:**

**Graphical user interface, application, table, Excel

Description automatically generated**

**Part 3:**Table

Description automatically generated

**Essay Part:**

In problem 1, B is the array of the values from a that were within the relevant range, whereas C was a binary array showing if there was a value at that index or not. Matlab functions are made to simplify your code, in case there were to be repetitive or tedious operations that had to occur multiple times etc. outside of a loop (and just to lower the word count on a single code file). A global variable is accessible outside of a function or space, whereas a local one is not and must be passed etc.