Derek Vaughan 40891598

Hermann Yepdjio 40917845

CS-301

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Project 01

**Program FactorsP1**

**Program Description:** Determines the factors of any user inputted number, and return the amount of running time in terms of square root operations that it took to perform the task. The user’s integer must be provided in a text file called “integer.txt”. If a non-number or a float is inputted, the system will prompt an error. If a file with the correct name is not found, the system will also prompt an error.

**Use of the Program:** The user must input a number into integer.txt in advance before running the program, otherwise the program will not compile. The program will prompt the user if there are any errors in the input of a number. The user must also know the exact file path of integer.txt, so that the program can access and read from the file. The file path must be copied and pasted into the source code of the program before compiling.

**Bugs:** N/A.