**HOW TO USE THE MATHS PROJECT PROGRAM**

Follow the following steps to successfully run and use my software:

1. Download the zipped file from moodle.
2. Unzip the file to a known location.
3. Open the unzipped folder and navigate into the “Maths Project” folder within the “K00278226” unzipped folder.
4. Double click on the “Maths Project.sln” file to open it using visual studio 2022.
5. After the file has successfully opened, click “Ctrl + F4” on your keyboard to start the program without debugging.
6. A menu will then pop up with a welcome message and options running from 1 to 5. Using your keyboard, type in INTEGER values of the option you would like to run. For example, if you would like to run option 2, type in “2”.
7. Starting with Option 1, you will be prompted to enter the natural number whose prime factors you would like to find. Enter any natural number and the program will output the prime factors of it. The natural number must be positive.
8. After the prime numbers have been outputted, the menu will be displayed again. Type in “2” and you will be prompted to enter the dividend and the divisor. They both can be positive or negative. The program outputs the quotient and remainder then displays the menu again.
9. After running option 3, you will be prompted with a sub menu of 2 options. Run either of them and follow the instructions displayed by the program.
10. Repeat the steps above with any other options and follow the instructions displayed by the program. It is very straight forward.
11. When you have finished running and/or testing the program to your heart’s desires, type in “5” to exit the program and you will be prompted with a Goodbye message, after which you can press any key on your keyboard to close the displayed program window.