

## **CMPE1250 – Migrating a C# program to C**

This exercise is an illustrative activity, as you will likely never be migrating from a C# program to C. It will, however, serve to highlight some of the syntactic and architectural similarities and differences between the two platforms. C# is all you know coming from CMPE1300, but you know more than you may think!

Switching languages, platforms, and toolchains all in one term may be a little daunting, but from this exercise you will hopefully see that the step is not that large.

A Windows Console project is available on Moodle for this exercise. Download it and inspect it. Ensure you understand what the code is doing. You will attempt to implement the same code on your micro, where you will see it doing something.

Create a new project on your micro, as directed by lecture, demo, or the Toolchain Tips video on Moodle.

Migrate the code from the C# project to the appropriate locations in the starter file of your project. You will need to make some alterations to make the code 'equivalent' on the micro.

When you have solved all the migration issues, build, and execute the code on the micro. If you've done everything correctly, you should see the red and green LEDs blinking in a pattern that you should be able to explain.

Your instructor will go over a solution to this with you, so participation, even without success, is strongly encouraged.