Project 1 Morse Code LED or LCD System Development

Project - Hello World

Develop a C or C++ (or whatever other language you prefer) application which executes on an Arduino and displays a user typed string, such as “Hello World”, as Morse Code on an LED (or several LEDs), or an LCD.

Design using a Round Robbin Design where in a loop it waits for a string, displays it in Morse Code, and only exits the loop if a sentinel is entered, such as ctrl-z

This Application can be developed using the Arduino Sketch, AVRDude, AVR Studio, or WinAVR.

Submit per directions in “Project Submission.docx”