Lab 6 – Ultrasonic Sensor

Prepared for:

Professor Bill Stefunak

Submitted by:

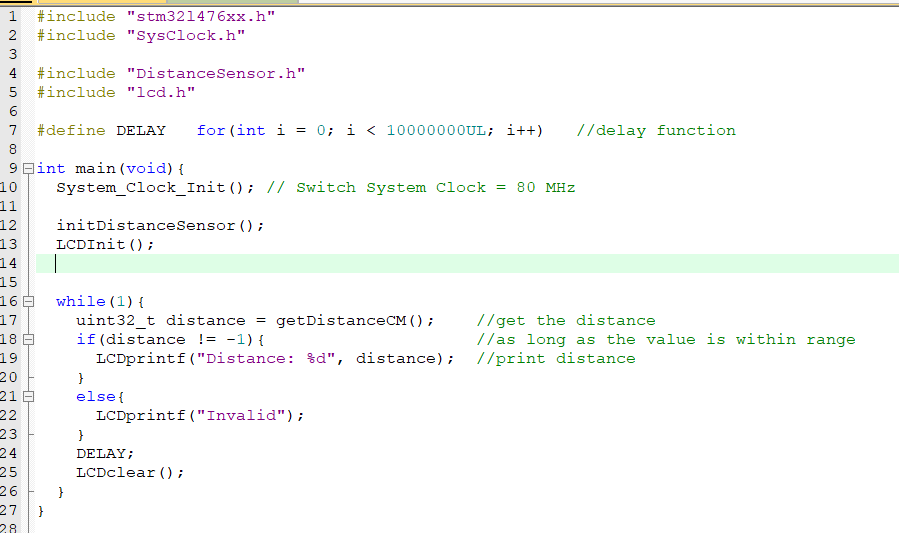
Graeme Judge and Sean Berkvens

04/07/2020

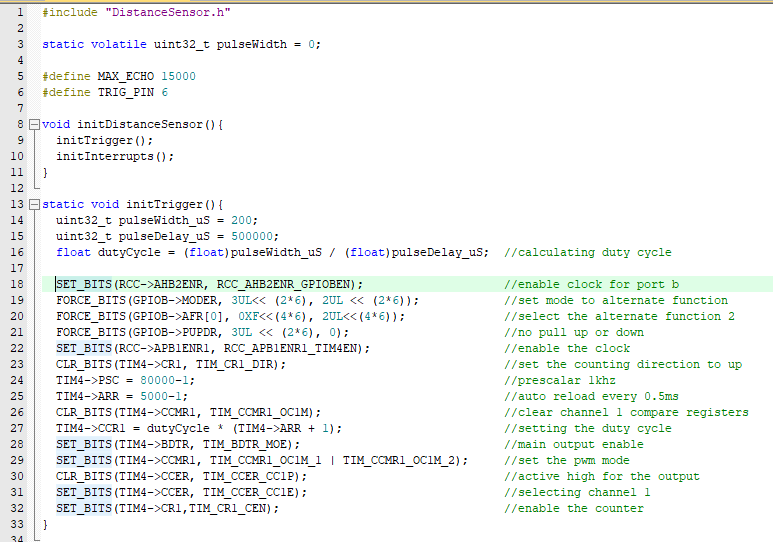
Electronic Systems engineering (ESE Year 2)

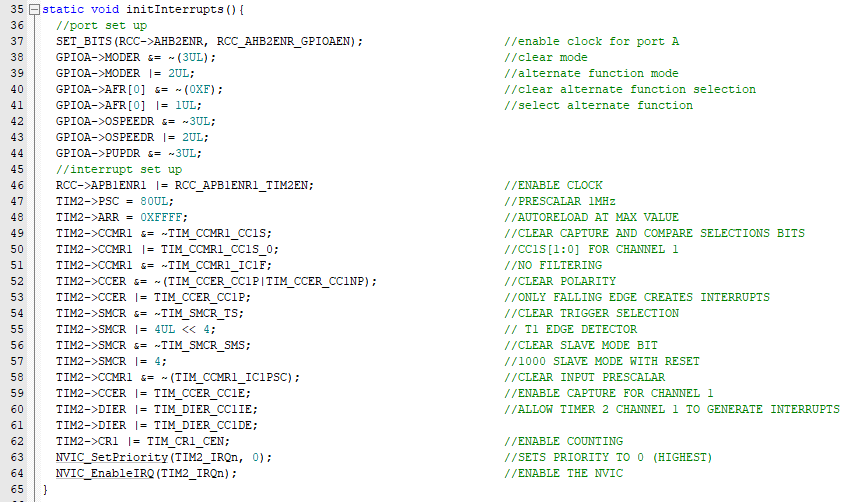
Conestoga College

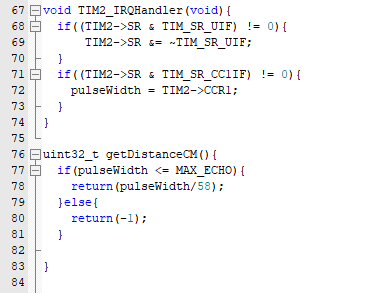
**Main.c**



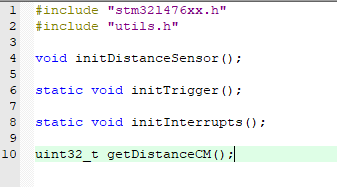
**DistanceSensor.c**



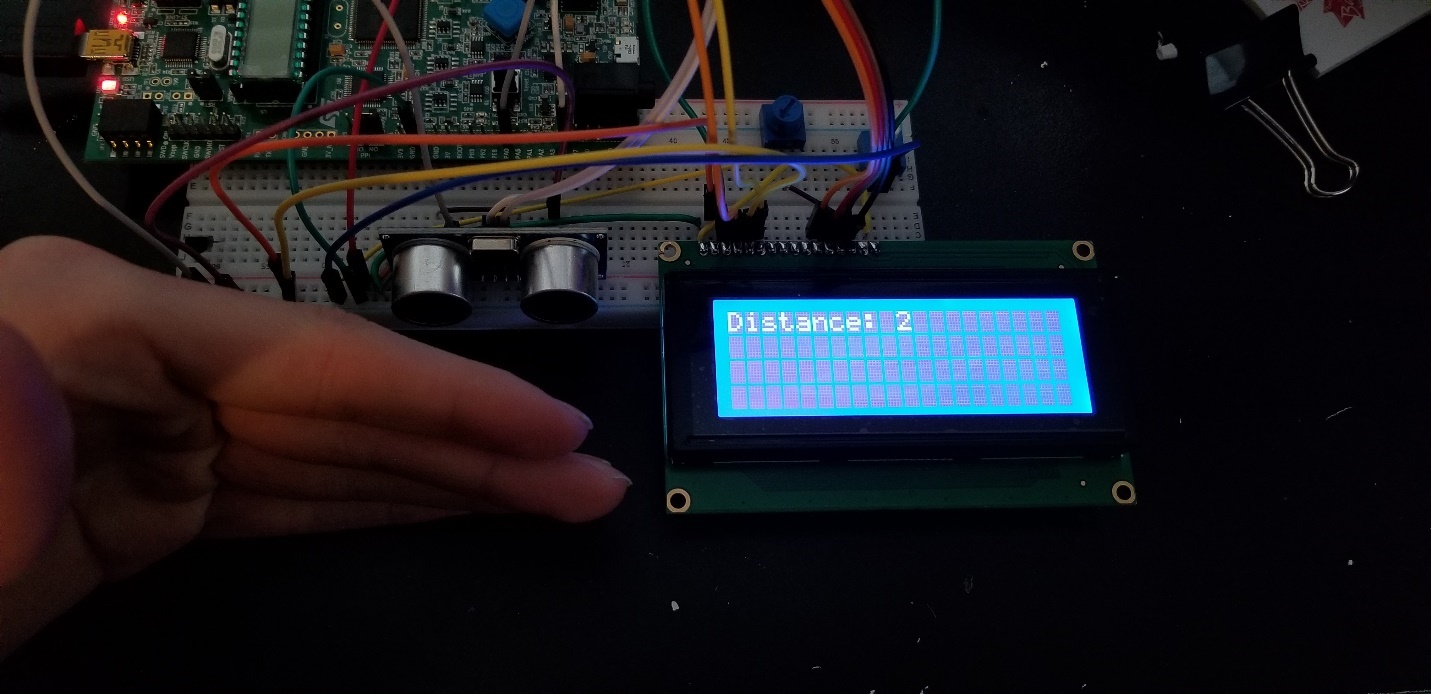
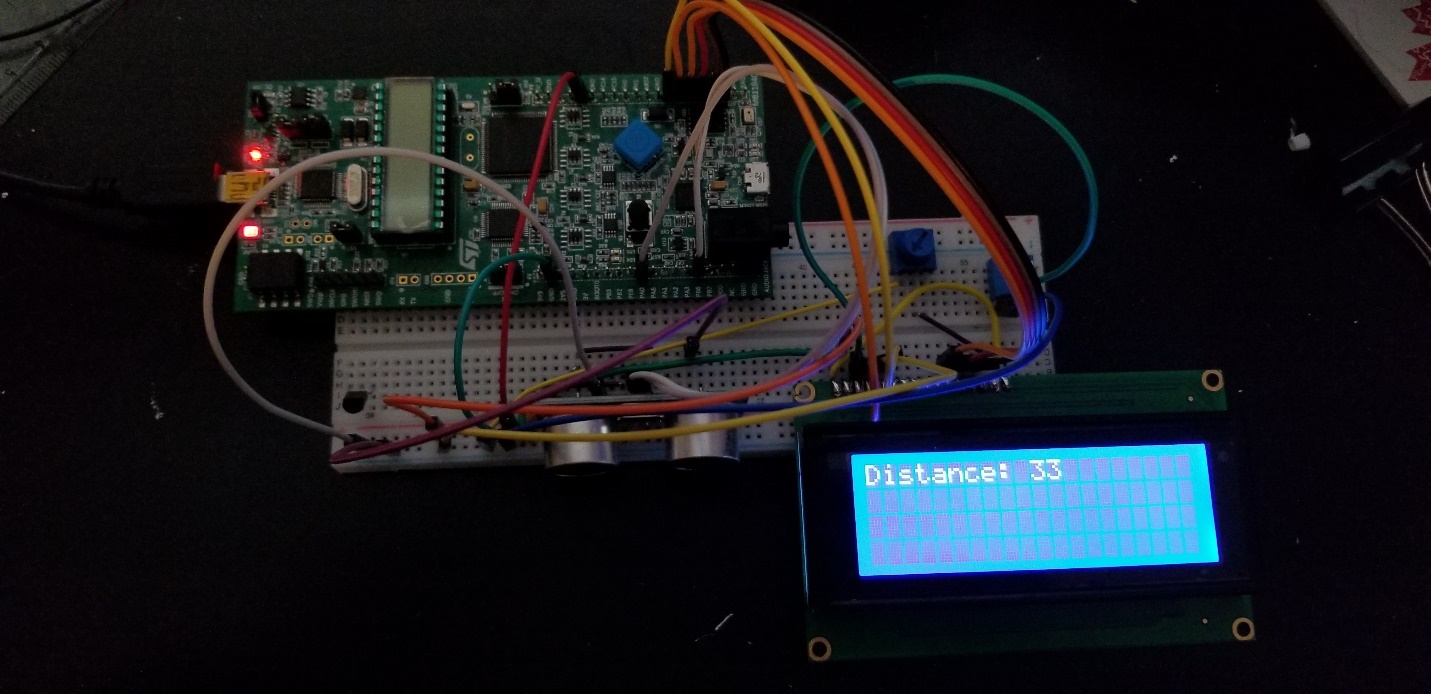




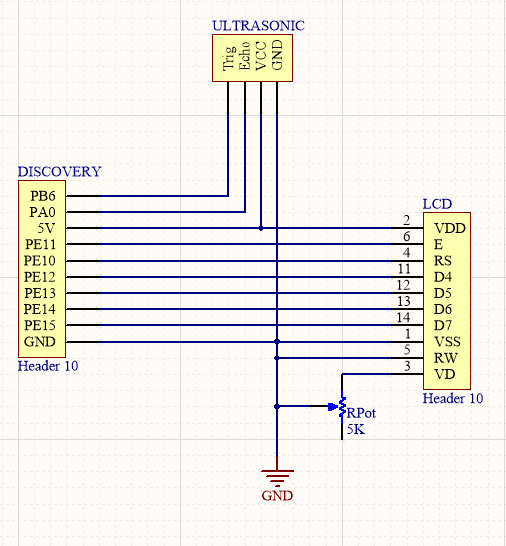
**DistanceSensor.h**



**Working images**



**Circuit diagram**

****

**Demo**

<https://youtu.be/ohV1teXcHhY>