**Homework 1 Write Up EC450**

I do not have a middle name so I made up a letter. My initials are D.E.Q. My overall strategy when programming the Morse code for these three letters was to first look at the blinking led example program to see how that worked. I then started playing around with different WDT interrupts to see when the P1OUT will be 0 and when it will be 1. At first I wanted to use a switch-case, but then I realized an array looping through the different interrupt times would be more efficient. So I created a global int array to hold the different interrupt times that would give the morse code for DEQ. I also declared a global counter that would loop through the array. The morse code was shown by flashing the LED 1 on the MSP430 microcontroller.