Lab 5 Descriptions

1. This program implements a counter that counts to k-1. It displays the count on the red LEDs.
2. This program uses the system clock to count and display the result on HEX2:0. It increments approximately every second.
3. This program uses the system clock to count as a clock would. It increments seconds approximately every second. Minutes and hours are rolled over as they should be.
4. This program displays the morse code of the letters A-H, denoted by SW[2:0] onto the LEDR's.