

EE 315 Lab Assignment for Week 11

Important Note: The problem below is to be solved individually by each student.

FOR THIS ASSIGNMENT, YOU SHOULD VALIDATE YOUR CODE USING THE HARDWARE

- Download the project folder
- The project assembly code is “EE315Week11Assignment.s”. Go to the Line 50 (Loop)
- In the “Loop”, you should call the DelayLed, SSR_R_On, SSR_G_On, SSR_B_On, SSR_Off. Subroutines to make the corresponding LEDs blink. Read each comment of these subroutines.
- The LEDs should turn ON and OFF with a delay (0x50000) predefined in R7 register (in line 47).
- These LEDs should do the followings:
 1. **RED COLOR** Should blink 4 times (we should see all blinks with our naked eye) then off
 2. **GREEN COLOR** Should blink 3 times (we should see all blinks with our naked eye) then off
 3. **BLUE COLOR** Should blink 2 time (we should see all blinks with our naked eye) then off
 4. **YELLOW COLOR (mixture of RED and GREEN)** Should blink 1 time (we should see all blinks with our naked eye) then off.
 5. Go to the Procedure 1.