

EE443 Laboratory 1 Question

Q-) In this lab, you should follow the steps below.

- Set an initial value to the register R14 and display it on 7-seg display.
- Decrease the value in R14, while button 1 is pressed (PORTB2)
- Increase the value in R14, while button 2 is pressed (PORTD2)
- Do nothing if the buttons are not pressed.
- (Extra) if the both buttons are pressed, set the initial value to R14

You should realize these steps inside a main routine, and you should always display the register R14 on 7-seg display.

Hint You can check the program EMULATOR_BASE in teams documents.