Embedded System LAB 2

Lab 1:

Introduction to Embedded System

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HomeWork#1

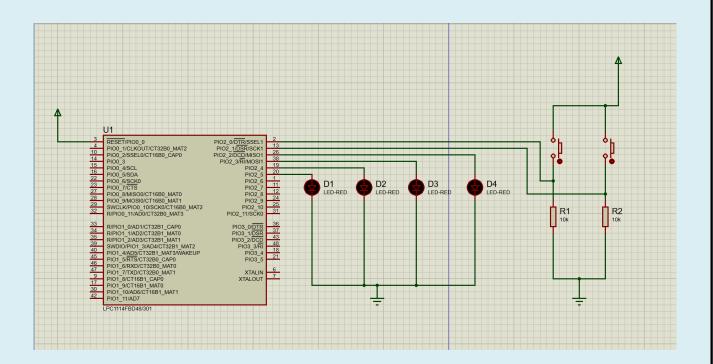
TA: Eng. Amal Abu Jasser

Q:

1- Implement a system that takes two buttons as input, if the first one is clicked you should shine 4 LEDs (the four LEDs should be connected to PORT2), then if you clicked the second one you should turn all the LEDs off.

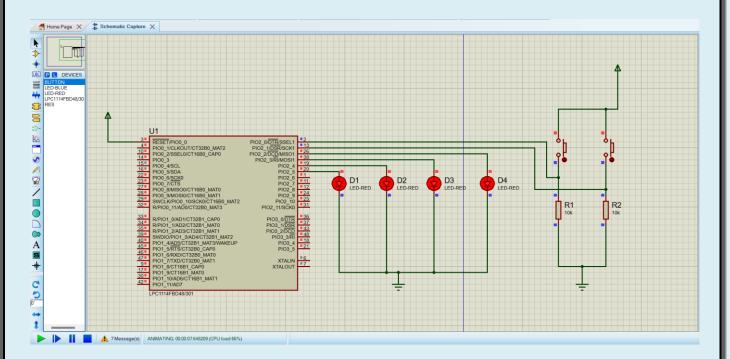
Code:

drawing:

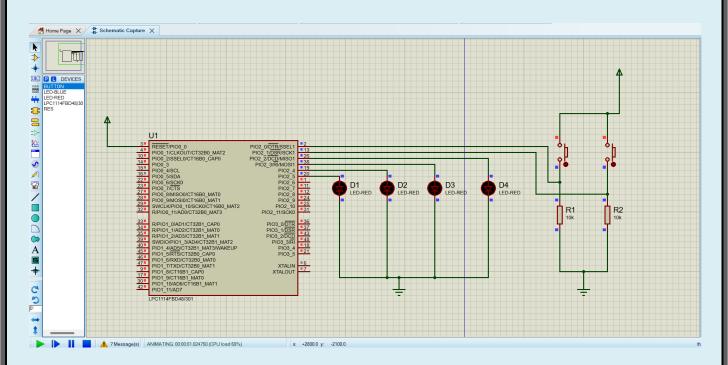


Simulation:

♦ all LED's are on when click right button :



♦ all LED's are off when click left button :



Note: I sit the initial value of LED's to be off.