EE1910 Lab 3: Buttons and Text Input

Objectives

- Interface a button to the MSP432 system
- Create a simple user driven program in C

	student
Prelab	check off
Review the Button Basics slides	
Review the Reading Variables slides	

Assignment

- Do not start the assignment portion of the lab before the lab class. We will walk through the basics prior to starting the student portion of the lab.
- Part 1: Modify the Button design we created to use two external push buttons and 3 LEDs. Buttons 1 and 2 should turn on LEDs 1 and 2 respectively when pushed. In addition LED 3 should turn on when both buttons are pushed. Print the status of the 3 leds to the serial monitor on a new line every 0.25sec. (1 0 0)... 1=0n, 0=off □
- See example output below and required function

Check Off

•	Demo and document your LED program	100 50 %
•	-Demo and document your resistor program	50%

Checkoff due by 4:00 pm Friday of the lab week (in-person or via Teams chat)

Submit (in the box): flow diagram(21), code(21), schematic - due 4:00 pm, Friday of the lab week.

