

Exercise 9 – Due Thursday 11/21 before noon

In this week's exercise you are going to work with the button on the Telosb. For this exercise use the **cModule** application in the cs450 directory as your starting point.

- A) In the **MSP430F1611 User Guide**, read the following pages well enough to complete the rest of the exercise:

9-1 to 9-7

- B) The button is connected to pin 2.7 on the MSP430. Use the P2 ISR (PORT2_VECTOR) to turn the blue LED on when the button is pressed down and off again when the button is released. In other words, the blue LED should only be on when the button is held down.
- C) In your implementation, is it possible to push the button so fast that the LED will stay on? How fast would you have to press it?
- D) Upload your C file and answer to Blackboard.