Document:

1. download the sketch_TimerToggle1.ino

2. place into Energia and save as sketch.

3. verify compile with MSP430FR2433 board configuration

4. Capture screen shot and place in document.

5. Answer the following questions in the document (Don't forget date and time in Header)

Q1. Line 27 what does WDTCTL do?

Q2. Line 30 what does P1DIR do?

Q3. Line 31 How do I set a single bit in P1OUT?

Q4. Line 35 I clear a single bit in P1OUT?

Q5. Line 50 how do I toggle a single bit in P1OUT?

Q6. What does the instruction in Line 35 do? (LockLPM5)

Q7. Line 41, Status Register, what does LPM3 turn off?

Q8. Line 41, Status Register, what does GIE turn on?

Q9. Line 46, Which vector stores the ISR address?

Q10. Line 47, What happens after Timer_A ISR returns?

Q11. Which line numbers would be 'Setup' if Arduino style was used?

Q12. What happened to the 'Loop' section that would be in Arduino code style?

Video:

Take a screen shot of the compiled sketch_TimerToggle1. Be sure to show the bottom of the error messages on the screen.

Be sure to give your name and date of the video with your voice.