**Date Submitted: 09.24.2018**

**Task 00: *Folder Structure for the Labs***

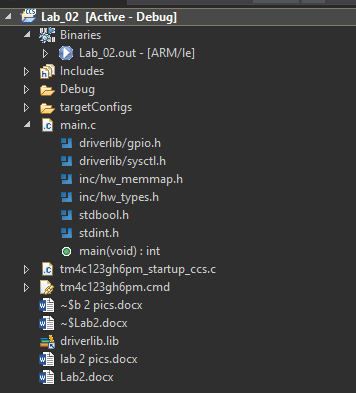
**Youtube Link: N/A**



**------------------------------------------------------------------------------------**

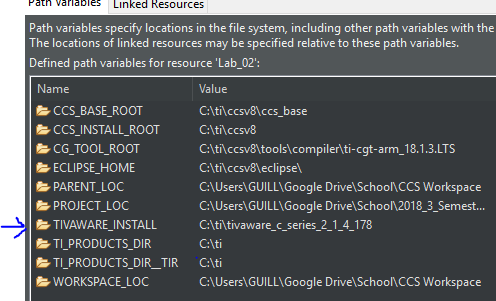
**Task 01: Create a New CCS Project & Add files to your project**

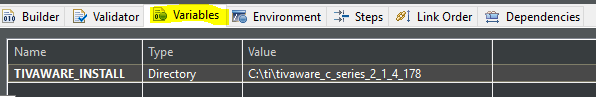
**Copied Linked**

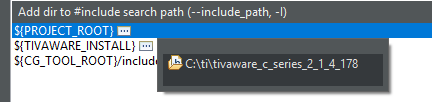


**Task 02: Add Path and Build Vars**

**Youtube Link: N/A**

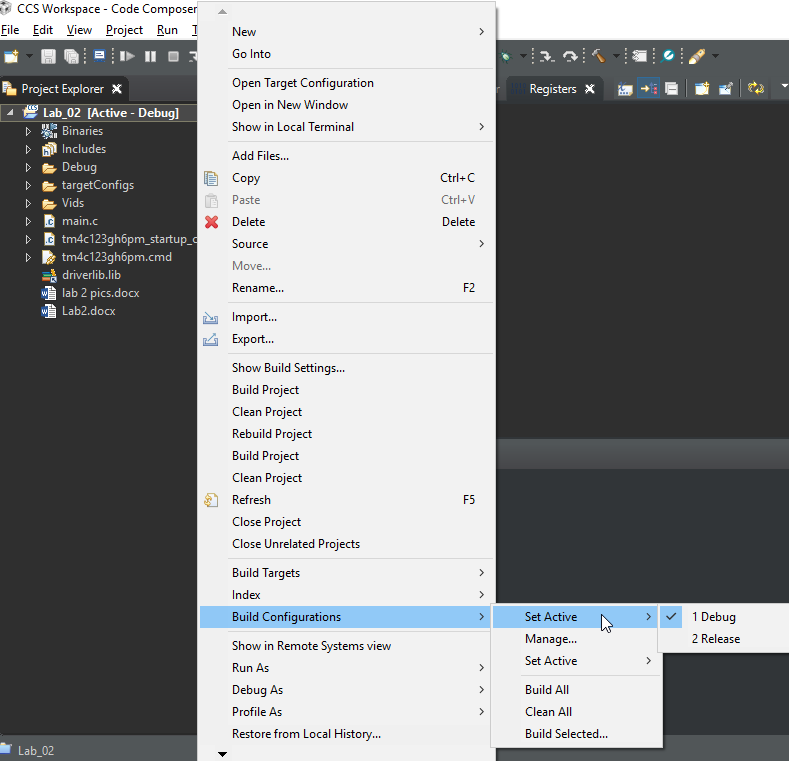


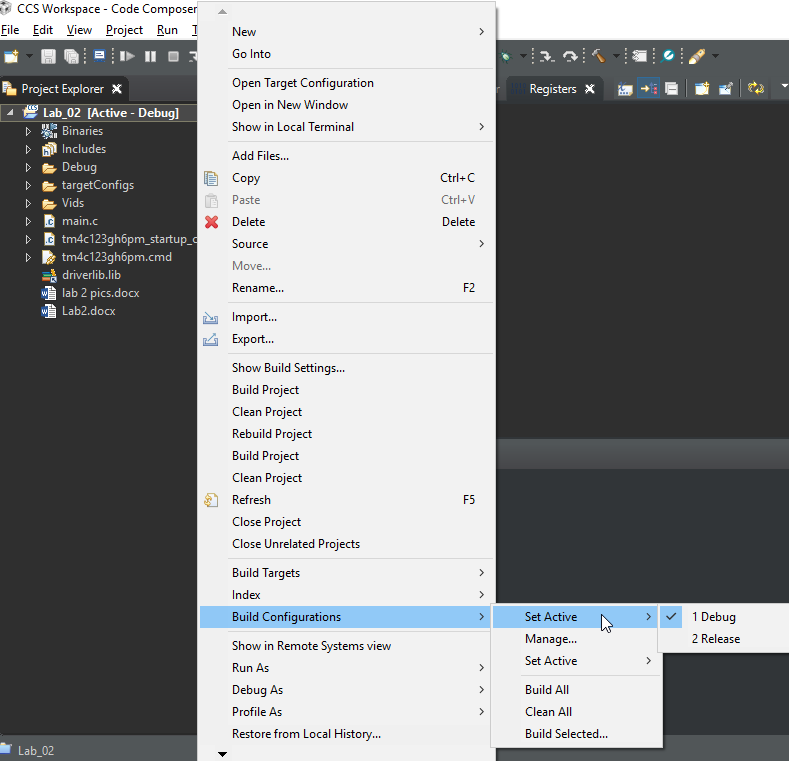




**Task 03: Explore Build Configs**

**Youtube Link: N/A**

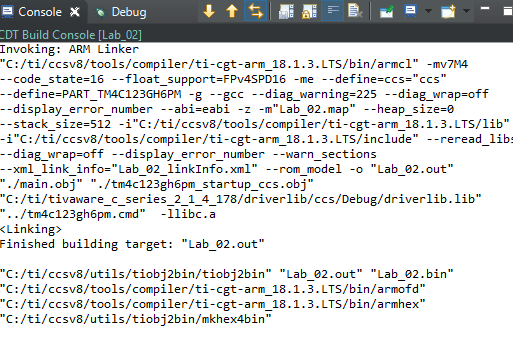


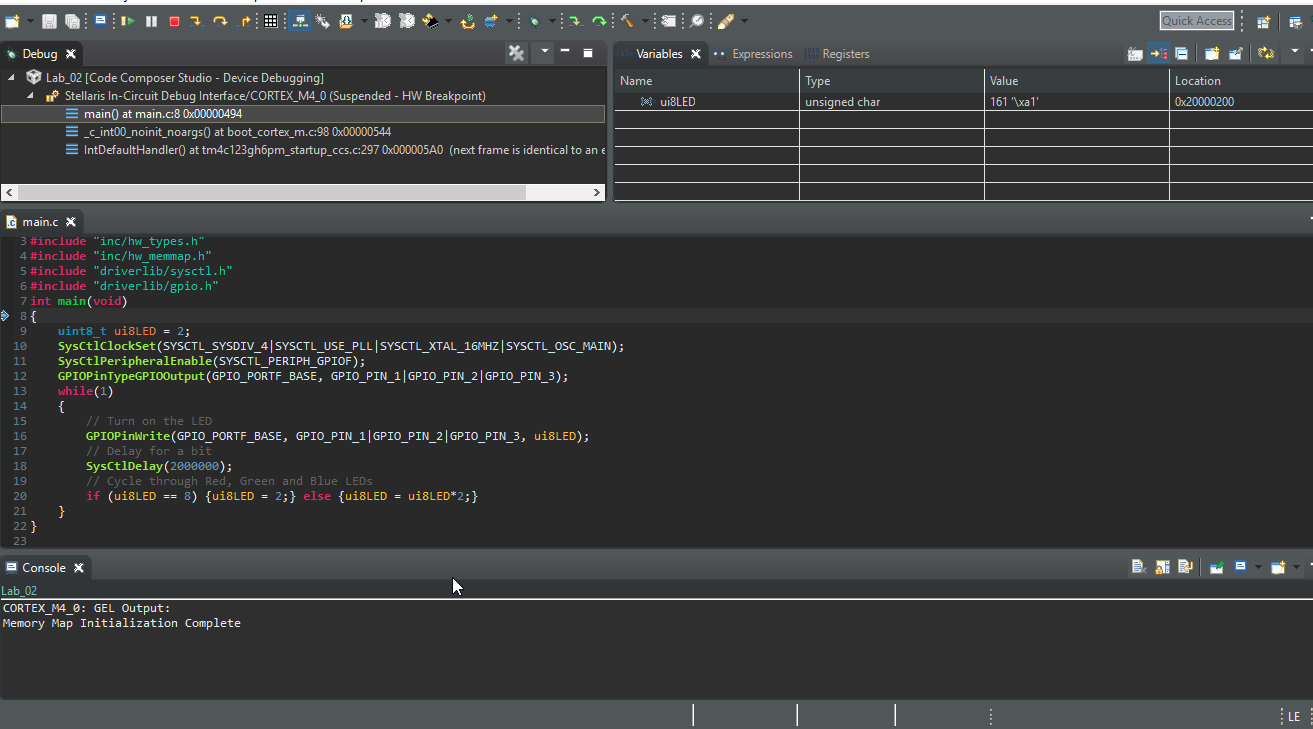


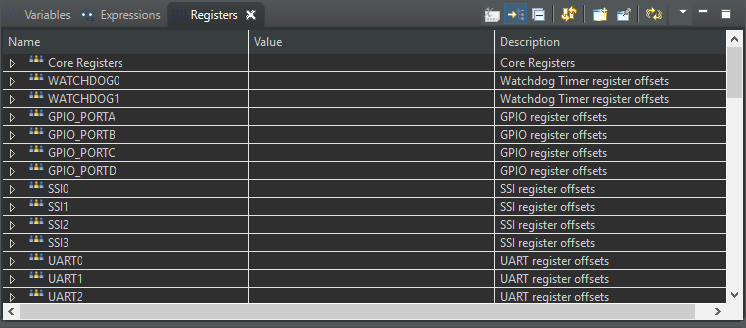
**Task 04: Build, Load, Run, provided code, registers**

**Youtube Link:** [**https://youtu.be/2HKztp0etHE**](https://youtu.be/2HKztp0etHE)

**Youtube Link:** [**https://youtu.be/27QJHZ9vo9w**](https://youtu.be/27QJHZ9vo9w)





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**Modified Schematic (N/A):**

**Modified Code:**

**// Insert code here**

#include <stdint.h>

#include <stdbool.h>

#include "inc/hw\_types.h"

#include "inc/hw\_memmap.h"

#include "driverlib/sysctl.h"

#include "driverlib/gpio.h"

int main(void)

{

uint8\_t ui8LED = 2;

SysCtlClockSet(SYSCTL\_SYSDIV\_4|SYSCTL\_USE\_PLL|SYSCTL\_XTAL\_16MHZ|SYSCTL\_OSC\_MAIN);

SysCtlPeripheralEnable(SYSCTL\_PERIPH\_GPIOF);

GPIOPinTypeGPIOOutput(GPIO\_PORTF\_BASE, GPIO\_PIN\_1|GPIO\_PIN\_2|GPIO\_PIN\_3);

**while**(1)

{

*// Turn on the LED*

GPIOPinWrite(GPIO\_PORTF\_BASE, GPIO\_PIN\_1|GPIO\_PIN\_2|GPIO\_PIN\_3, ui8LED);

*// Delay for a bit*

SysCtlDelay(2000000);

*// Cycle through Red, Green and Blue LEDs*

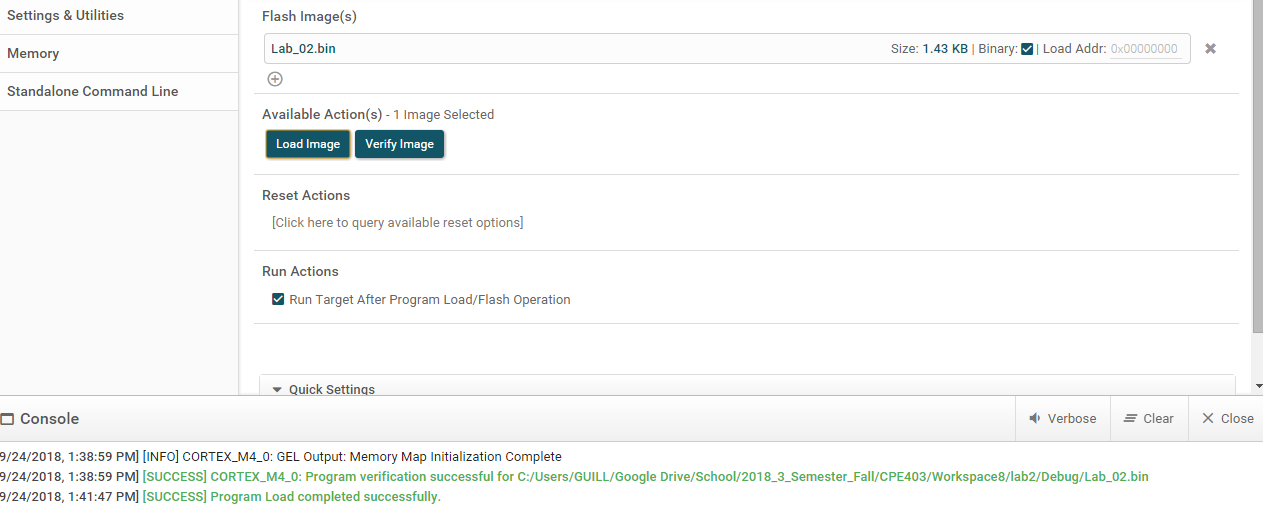
**if** (ui8LED == 8) {ui8LED = 2;} **else** {ui8LED = ui8LED\*2;}

}

}

**Task 05: Create bin file use standalone programming GUI**

**Youtube Link:** [**https://youtu.be/o51NQsXM0BQ**](https://youtu.be/o51NQsXM0BQ)



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