A black rectangular object with a black border

AI-generated content may be incorrect.

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\* HW Assignment: CPGM0

\* EEL-4746 Fall 2025

\* Alan Bernal

\* Date: 10/8/2025

\* This is my first EEL-4746 C Program

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// Standard Includes

#include "driverlib.h"

#include <stdint.h>

#include <stdio.h>

//Include file for BCUART function

#include "HAL\_UART\_4746.h"

// Function Prototypes

void GPIO\_init();

// Main Function

void main(void){

//Define Local Variable

char buffer[100];

//WDT

WDT\_A\_hold(WDT\_A\_BASE);

//Initialize LED0 and set it low

GPIO\_setAsOutputPin(GPIO\_PORT\_P1, GPIO\_PIN0);

GPIO\_setOutputLowOnPin(GPIO\_PORT\_P1, GPIO\_PIN0);

//Initialize and Configure UART

UART\_initGPIO();

UART\_init();

//Activate New Port Configurations

PMM\_unlockLPM5();

//Writing your name

sprintf(buffer, "Your Name: Alan Bernal \r\n");

UART\_transmitString(buffer);

//Writing todays date

sprintf(buffer, "Today's date is 10, 8, 2025\r\n");

UART\_transmitString(buffer);

//Writing Course Section

sprintf(buffer, "My Course Section is Section 0001 \r\n");

UART\_transmitString(buffer);

//Turn LED ON.. done

GPIO\_setOutputHighOnPin(GPIO\_PORT\_P1, GPIO\_PIN0);

//Spin Loop

while(1){

// Nothing here.

}

}