LAB # 01

INTRODUCTION TO MSP43O MCU AND INSTALLATIONS OF HARDWARE

AND SOFTWARE TOOLS



Spring 2025

CSE-307L

Microprocessor Based System Design Lab

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Submitted to:

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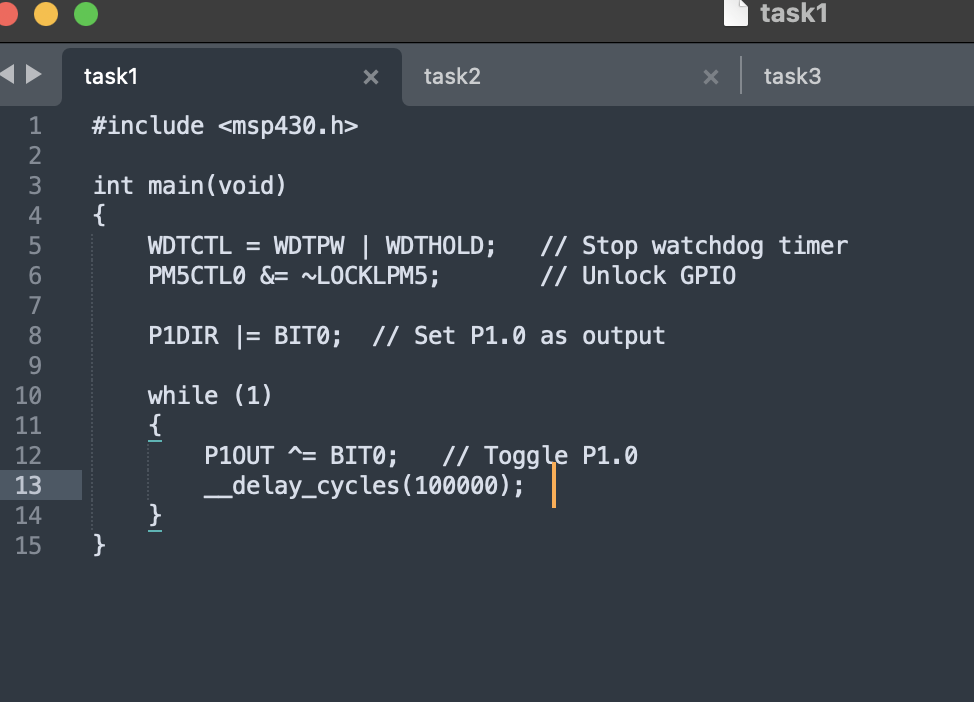
March 08, 2025

Department of Computer Systems Engineering

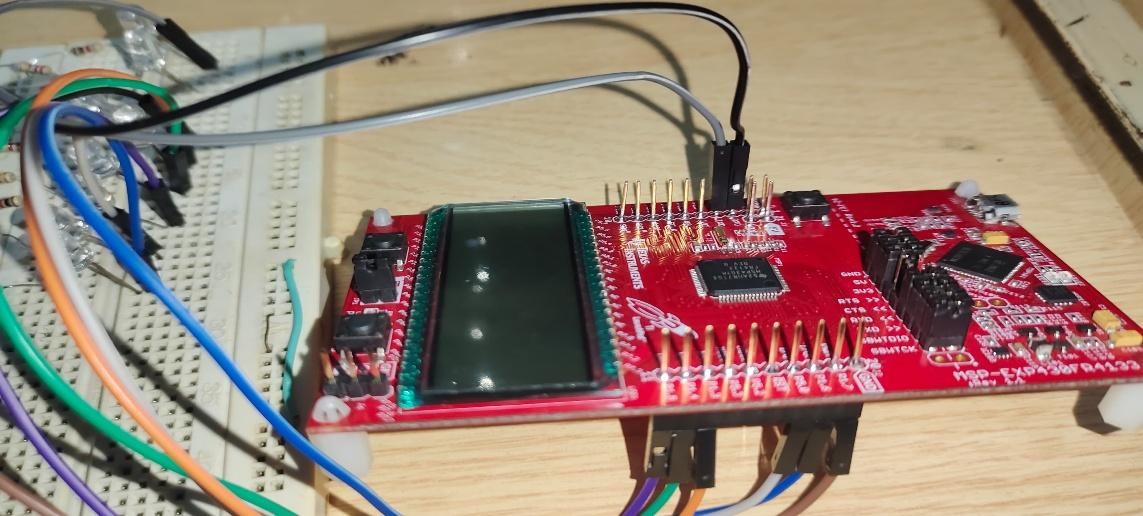
University of Engineering and Technology, Peshawar

**Lab Tasks:**

***Task 1***

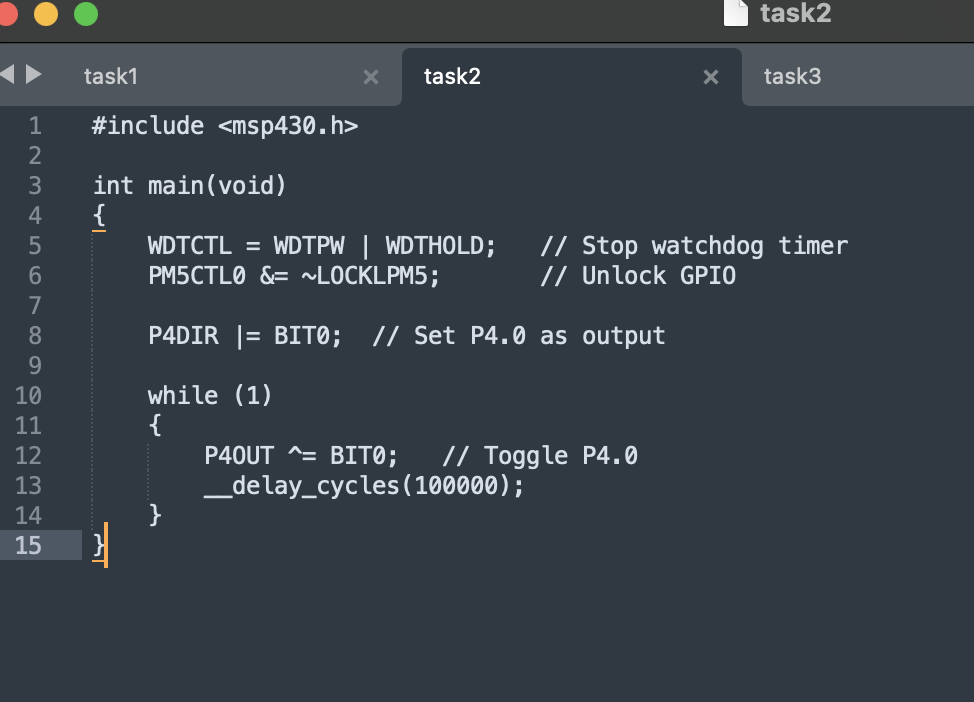
***Write a C Program for MSP-430 which toggle P1.0 or any other pin of MSP-430 MCU* Code*:* **

Output:



**Task 2**

*Write a C Program for MSP-430 which toggle P4.0 for MSP-430 FR4133 or any other pin of MSP-430 MCU*

**Code: **

**Output:**

A red circuit board with a display and wires

AI-generated content may be incorrect.

**Task 3**

**Write a C Program for MSP-430 which toggle P5.1 for MSP-430 FR4133 or any other pin of MSP-430 MCU Code:**

A screenshot of a computer program

AI-generated content may be incorrect.

**Output:**

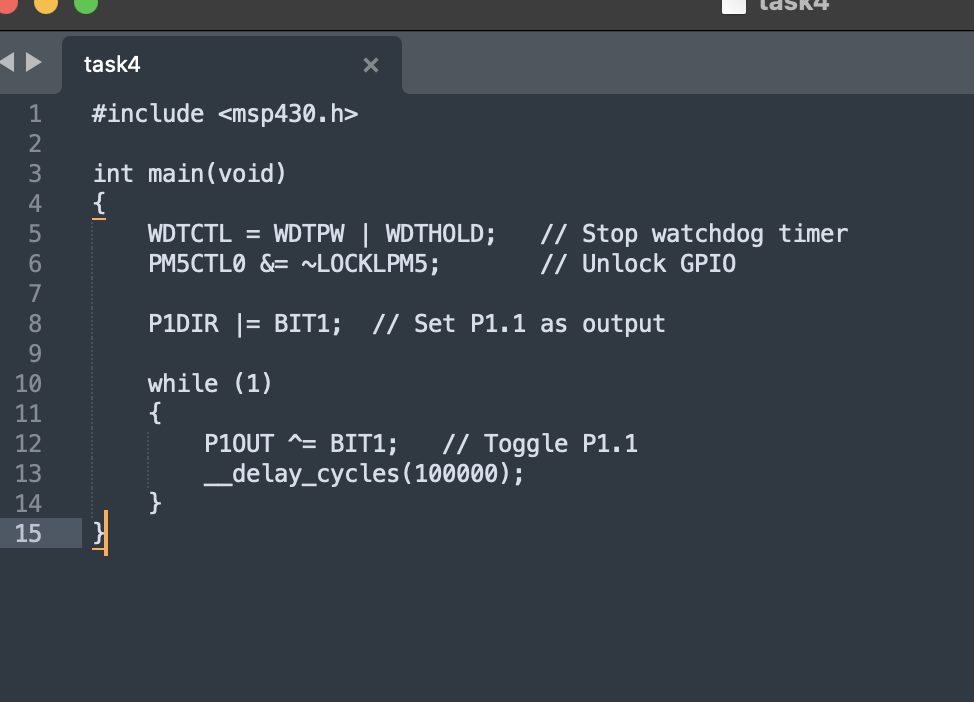
A close-up of a circuit board

AI-generated content may be incorrect.

**Task 4**

***Write a C Program for MSP-430 which toggle P1.1 for MSP-430 FR4133 or any other pin of MSP-430 MCU***

**Code:**



**Output:**

A red circuit board with a display and wires

AI-generated content may be incorrect.