UNIVERSITY OF SOUTHAMPTON

COMP2323

Computer Systems II Logbook

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Contents

Week 1: Example Task

1. Task Outline

The goal was to toggle an LED using direct register access. I chose a polling architecture for simplicity, though this blocks the CPU.

2. Implementation

Below is the driver code. Note how I used bitwise operators to preserve the state of other pins.

```c
// src/week-01/example.c
#include <stdio.h>

int main(void) {
    // Placeholder for Task 1
    return 0;
}
```

Listing 1: Example Code Block

3. Reflections based on solutions provided

Direct memory access is faster but riskier than using an abstraction layer...