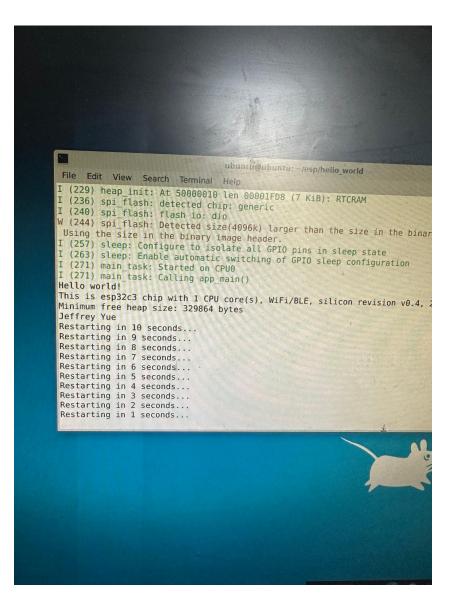
The first lab in the class basically just demonstrated how to use the Raspberry Pi and its programs, mainly the ESP32C3 board, and its subsequent program, esp-idf.

Lab 1_2 Hello World:

All I did was change the name on the file to my name, Jeffrey Yue, this was the result when I ran the program. It restarts every 10 seconds and prints the default message along with my name.



Asked Chatgpt: "How do i write a simple c program that flashes an led on/off every second using an esp32c3 board, where it has an led connected to GPIO2?"

This was the response that I received from the app.

```
The ESP32-C3 board typically uses the ESP-IDF framework for development, which also includes FreeRTOS. To blink an LED using FreeRTOS, you can create a task that toggles the GPIO pin where the LED is connected.

Here's a simple program that should do what you're asking:

c

d

c

d

finclude "freetos/FreeRTOS.h"

#include "freetos/FreeRTOS
```

The esp board flashes as it should, and it should be able to be tested from the zip file. Hard to time a picture for it, unfortunately.

Resources: ChatGPT chat.openai.com

https://docs.espressif.com/projects/esp-matter/en/latest/esp32/faq.html

APACHE license:

https://drive.google.com/drive/u/1/folders/15uqJ8zO42qNE-cszcmcdxg0Ajg6x94aC