

Lab 1 report

CSE121

Inhle Cele

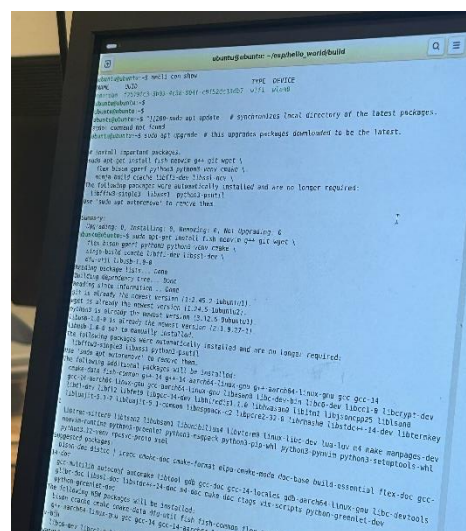
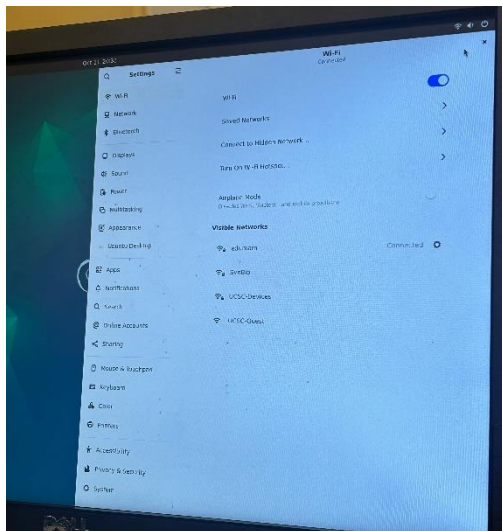
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Lab 1.0 notes: Acquire CSE121 Kit

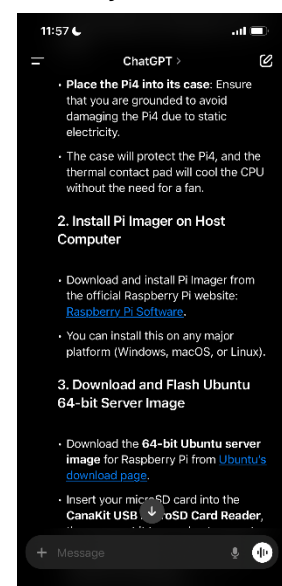
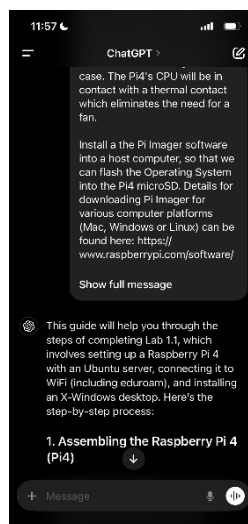
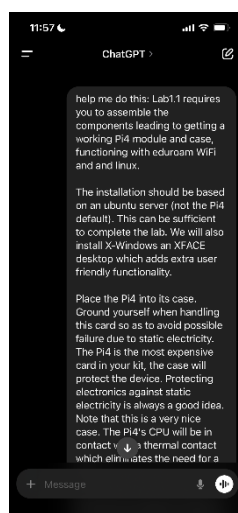
Was fine, no problems. Kit acquired :). Used google to find my location

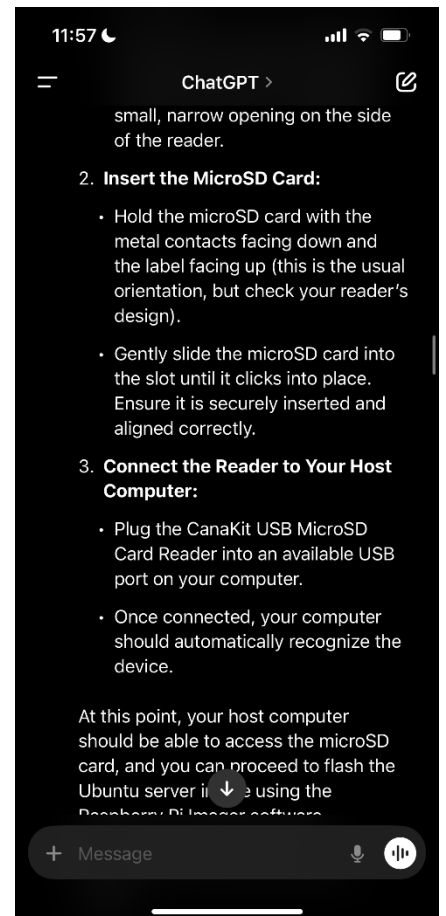
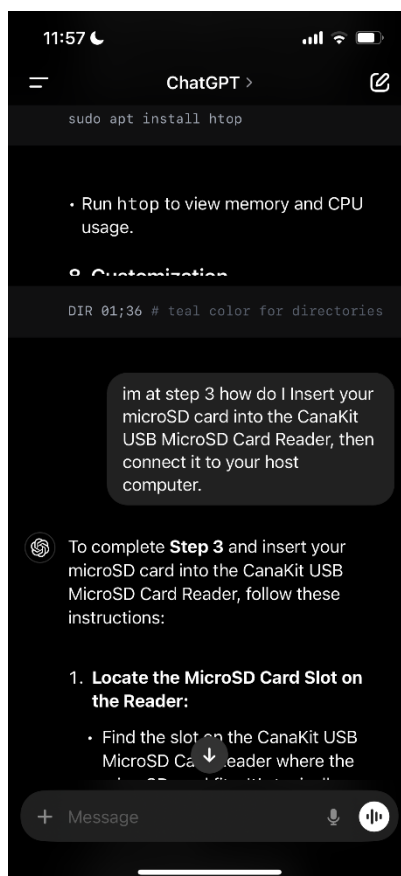
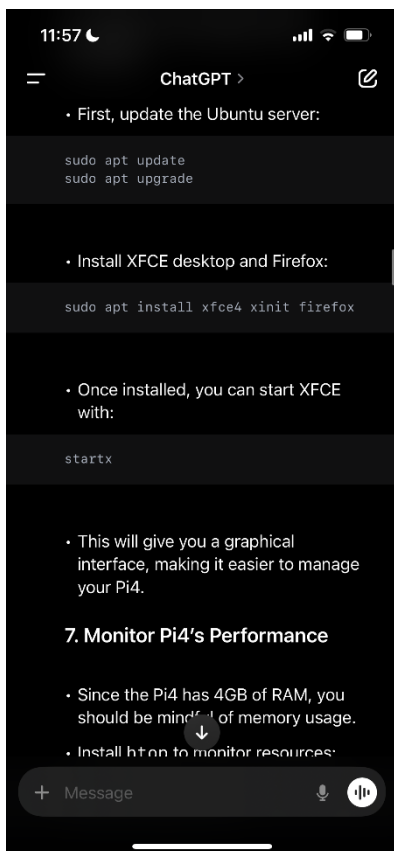
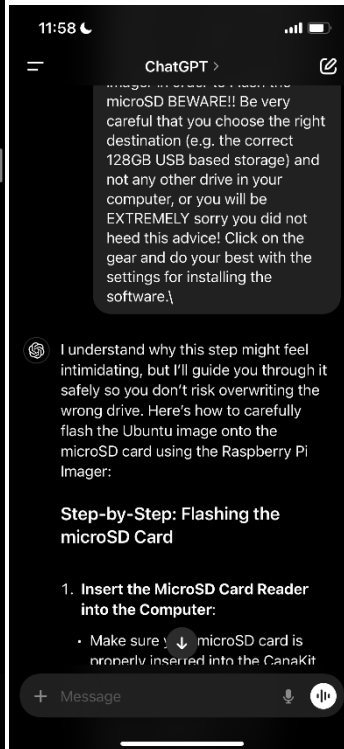
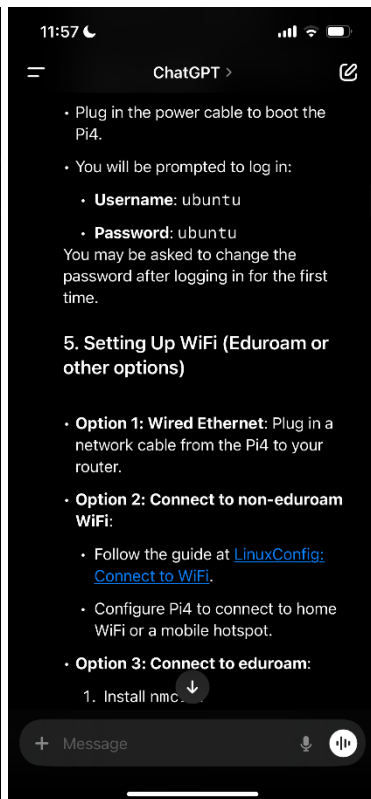
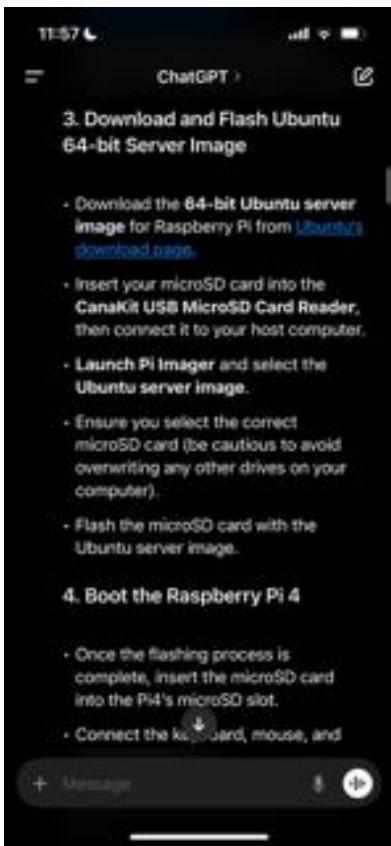
Lab 1.1 notes: setup Pi4

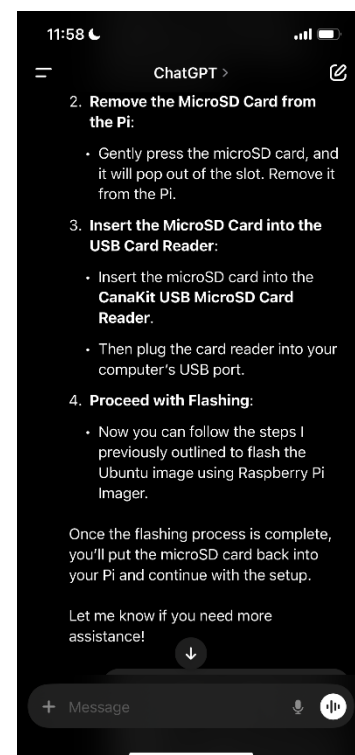
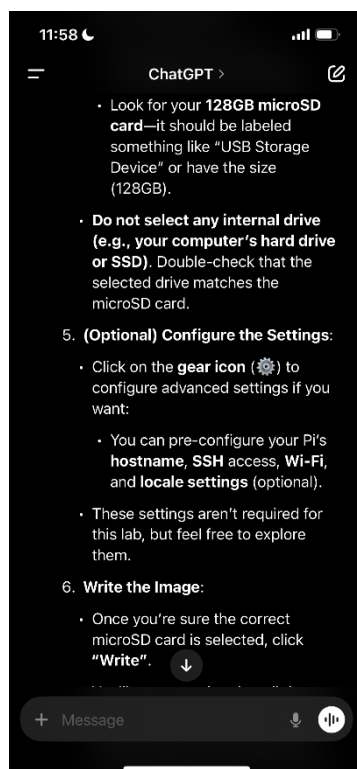
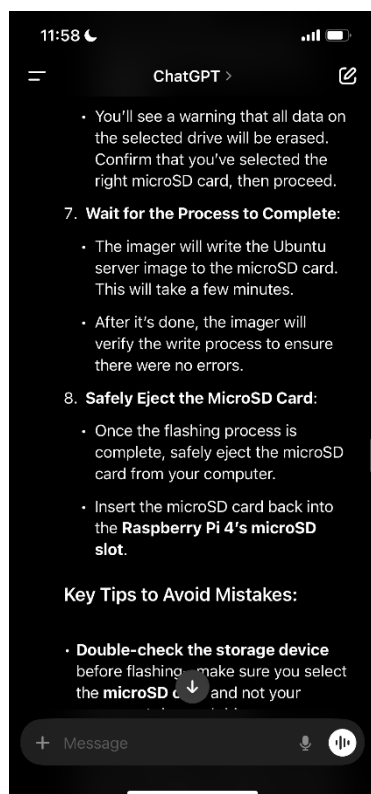
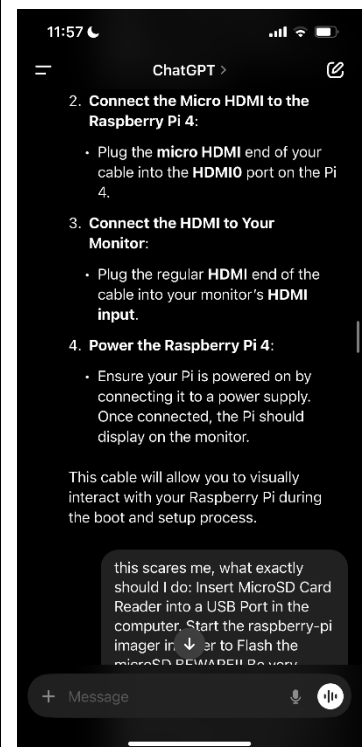
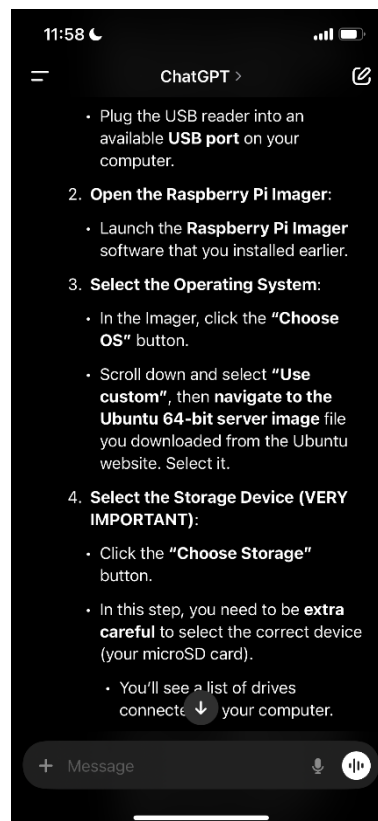
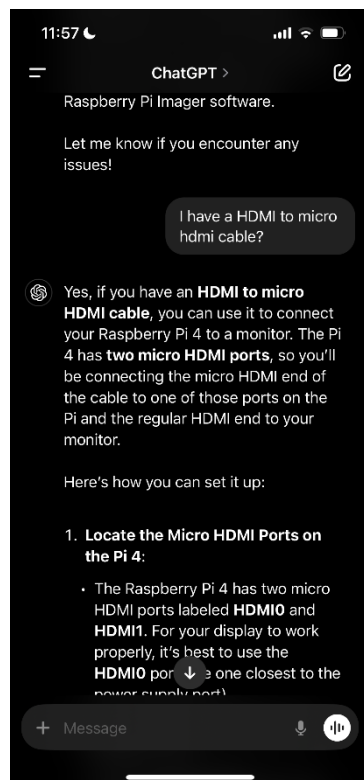
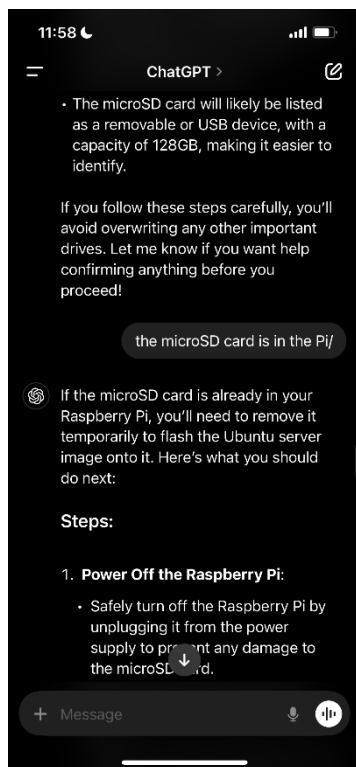


I asked chat to help me with setup cause I was a little confused cause I didn't realise I didn't receive a memory reader and this helped me realise that and get the wifi con on my CLI:

<https://chatgpt.com/share/670eb658-8248-8008-ba51-a08a750d4678>



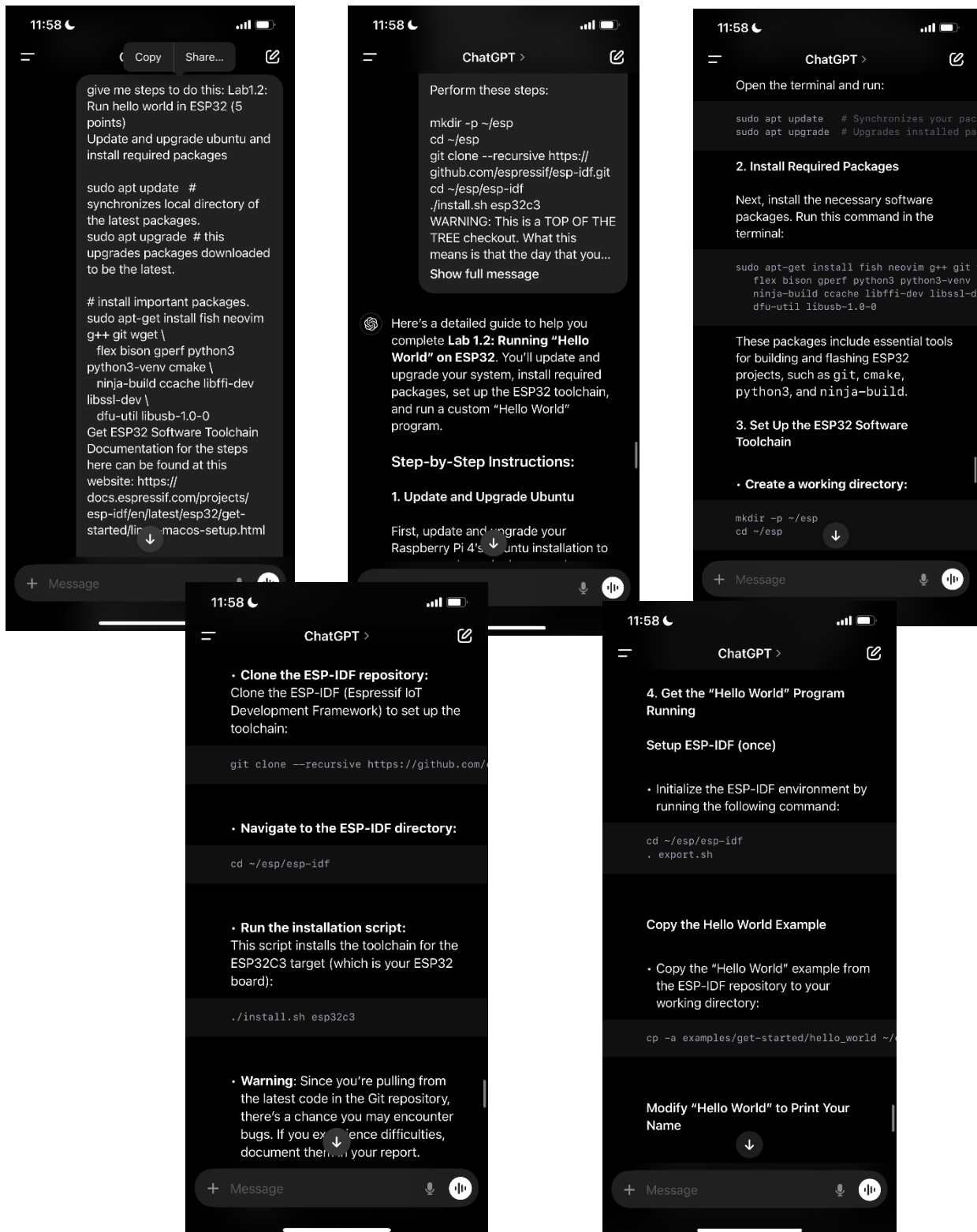


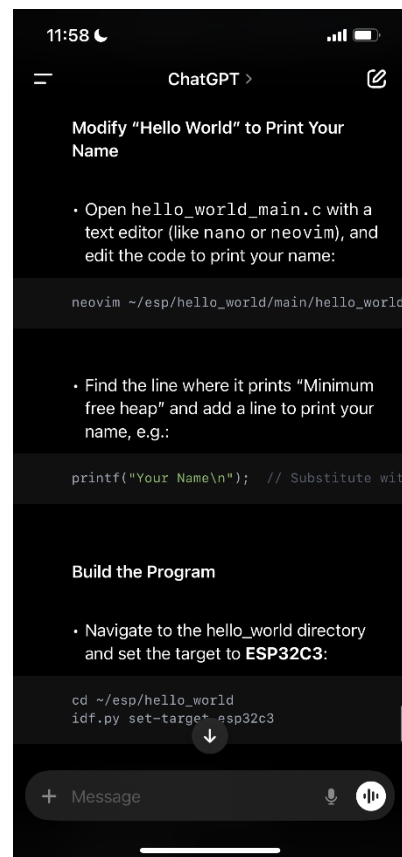
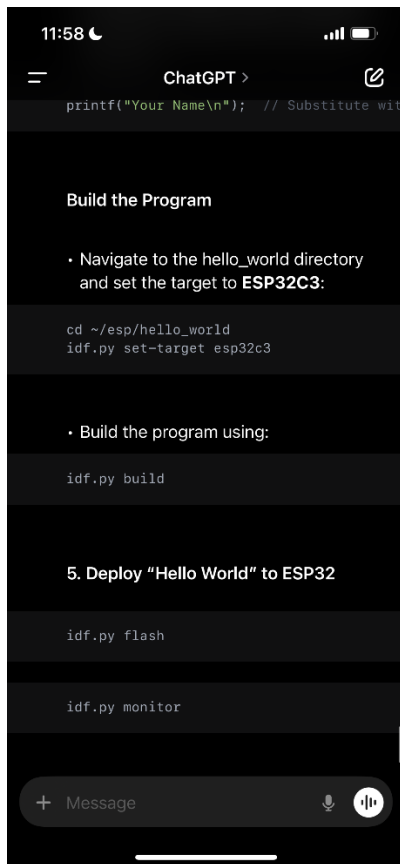


Lab 1.2 notes: Run hello world in ESP32

Worked in the lab from this point onwards. The TA named Dylan helped me for the most part. No major issues besides changing the permissions using `sudo chmod` command which TA helped with. Lab ran smoothly for the most part, I asked chat to help me with the steps for this lab.

Mainly assisted in helping me use vim to add my name to the helloWorld file and helping me save it using: <https://chatgpt.com/share/670eb658-8248-8008-ba51-a08a750d4678>





Lab 1.3 notes: Flash LED on ESP32

Was in the lab still from this point onwards. No major issues besides finding with LED number I needed to change. I thought it was LED 7 because on the board the middle line is marked 7 but by testing and asking around I was able to find the right LED to code (Number 2). Lab ran smoothly for the most part. No added help from chatgpt