### Q1: Take a video of your RPi with LED blinking. Briefly describe your circuit board, your code and how you have developed it in the video.

Circuit

The circuit is a simple LED circuit with the cathode of the LED to tied to ground and the Anode connected to GPIO 23 via a 210-ohm resistor

Code

With the exception of the imports and declarations sections of the script all of the code is contained within a try statement that allows a keyboard combination of “Ctrl + X” to cancel the script. The function that triggers the flash of the LED is contained within an infinite loop while statement where the following occours

1. Pull GPIO 23 High (+3.3V)
2. Delay code execution for 0.25 seconds
3. Pull GPIO 23 Low (GND)
4. Delay code execution for 0.25 seconds
5. Rinse and repeat until KeyboardInterupt

### Upload your video to the website of your choice, and put the link below.

Python Script

