UV sensor is designed to be exposed to UV light. So, it is a good idea to use it in a project like this, weather station. We were able to use it. Then, we started working on barometer sensor which is used to measure the pressure of the air around them. We were not able to get the data from the barometer. Reading the temperature with Arduino was easy. We were reading the data from Arduino and printed it on the screen, and find the temperature around it, then converts that to volts, volts to celsius, celsius to fahrenheit, then prints Fahrenheit to the screen. We did connect it to LCD, but we weren’t able to connect WIFI to module since the last week. We were been able to use ThingSpeak for visualization but we couldn’t get there.

GitHub Link:

<https://github.com/tariksalay/IoT-Robotics/tree/master/ICP-3>