**Reflection on the Temperature and Humidity Sensor Installation**

For this lab, I successfully installed the temperature and humidity sensor to my Raspberry Pi, following the guidelines provided in the Module Six Lab Guide. I used the QWIIC cable, which was already attached during the initial setup of the Raspberry Pi, to connect the sensor. Once the hardware was connected, I proceeded with editing the code to collect temperature and humidity data from the sensor and display it on the 16x2 LCD screen.

The process was straightforward, and I did not encounter any issues. The sensor was correctly recognized by the Raspberry Pi, and the code I implementedto read the sensor's data and display it on the screen worked as expected. The 16x2 display showed the temperature and humidity values in real-time, which confirmed that the circuit was functioning properly.

Overall, I did not face any challenges during this installation and integration process. Everything went according to plan, and I was able to complete the task without any major obstacles. If I were to encounter issues in the future, I would ensure that all connections were secure and double-check the code to confirm there were no errors.

In conclusion, the installation was successful, and I am confident that I now understand how to integrate sensors with my Raspberry Pi for displaying real-time data.