ESE-3014 Lab 9 - Interfacing communication - I2C

Task

1. Set up and achieve I2C interfacing communication for BBB as master and ADXL345 Accelerometer as slave. Get the output like the Video. (You do not have to show me the GUI, just show me the change of the value of x, y, and z axis when you rotate the ADXL345 Accelerometer). And here is the I2C Pin configuration video HERE if you need.

2. Please record each step in your lab report, and I will mark your report based on your step. So you do not have to worry if you can not achieve the final output.

3. For the final output, you should show me different values with different angular position for your ADXL345 Accelerometer.