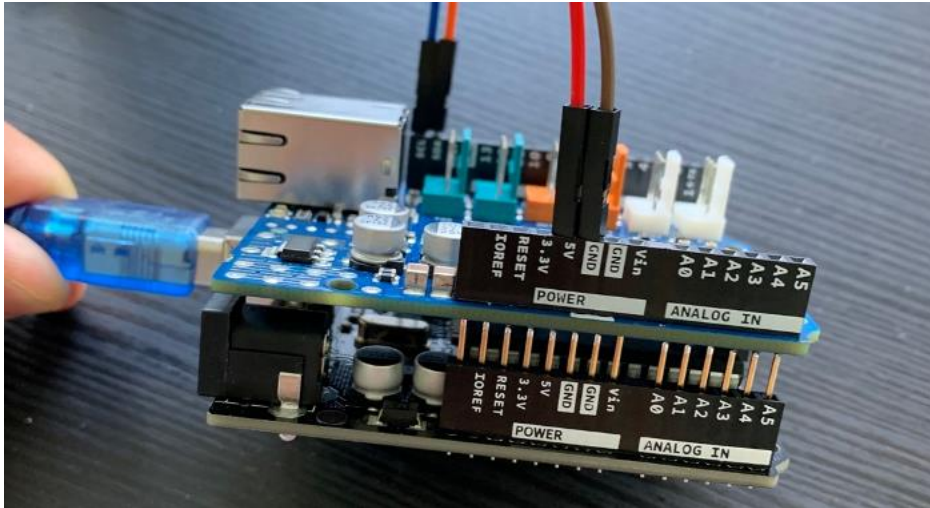**Hardware Setup**
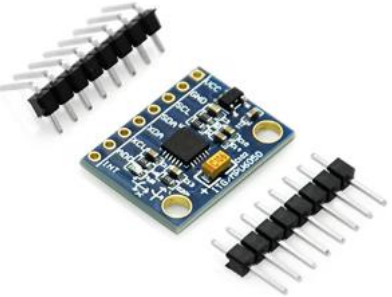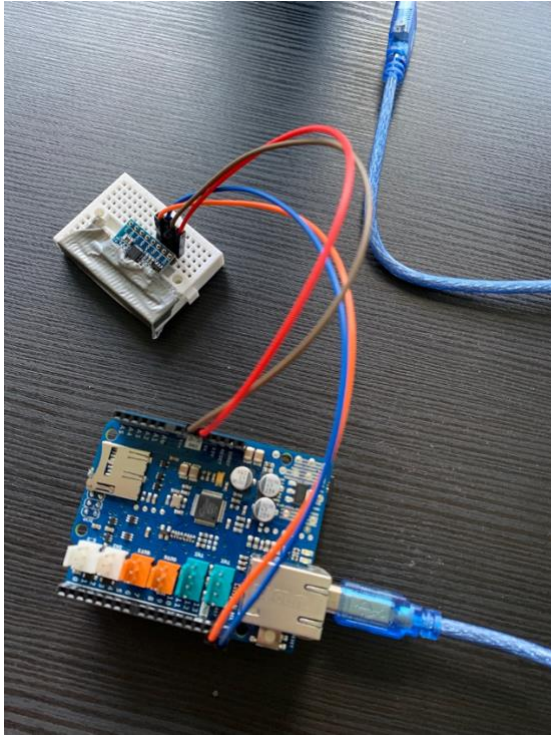
1. Connect ARDUINO ETHERNET SHIELD 2 to Arduino Uno

Tutorial: Gyroscope and Accelerometer (GY-521/MPU6050) with Arduino | UATS A&S #12

2. Connect GY-521 MPU-6050 3 Axis Accelerometer to ARDUINO ETHERNET SHIELD

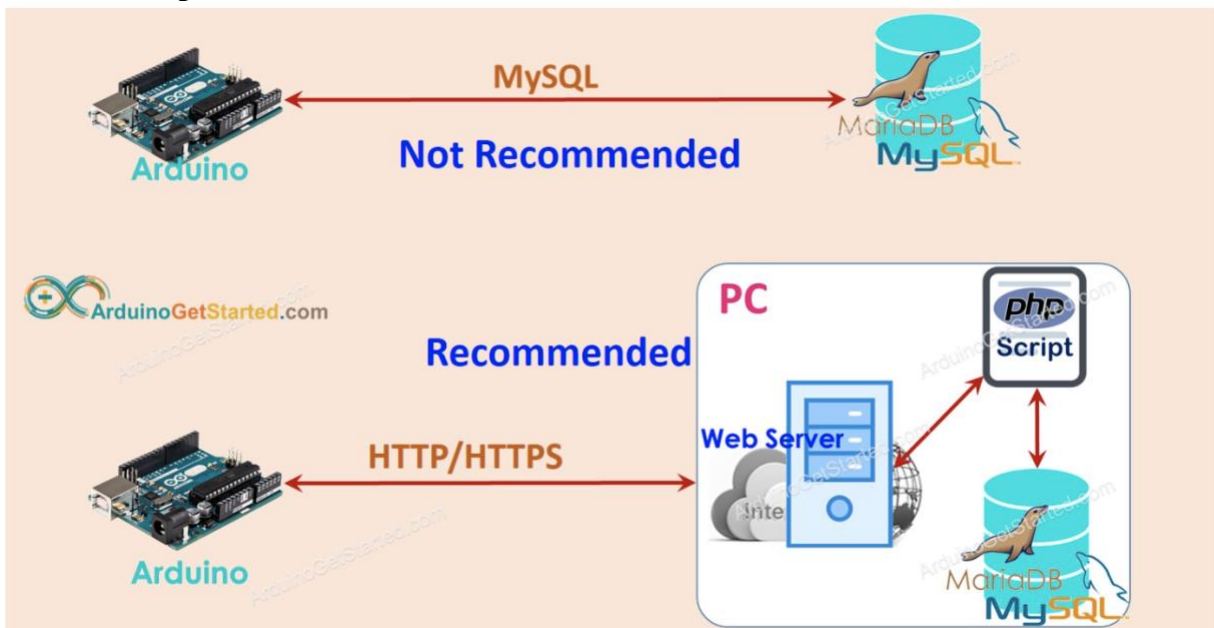| GY-521 MPU-6050 3 Axis Accelerometer	ARDUINO ETHERNET SHIELD 2
VCC	5V
GND	GND
SCL	SCL
SDA	SDA

3. Connect ARDUINO ETHERNET SHIELD to a router using a ethernet cable

https://arduinogetstarted.com/tutorials/arduino-ethernet-shield-2

Software Setup

Software required:

XAMPP	https://www.apachefriends.org/download.html
Arduino IDE	https://www.arduino.cc/en/software
Visual Studio Code	https://code.visualstudio.com/download

Scripts needed:

ArdruinoDB.sql	Create a table for data storage
ArduinoCode	Data Acquisition & Aata Manipulation & Data Transmission
insert_acc.php	Establish connection with the web server

Link to my GitHub repository for the code:

https://github.com/HenryCZhang/Arduino-IOT-Sensor-Data-to-MYSQL

For more specific steps, please follow the tutorial in the link provided below

https://arduinogetstarted.com/tutorials/arduino-mysql