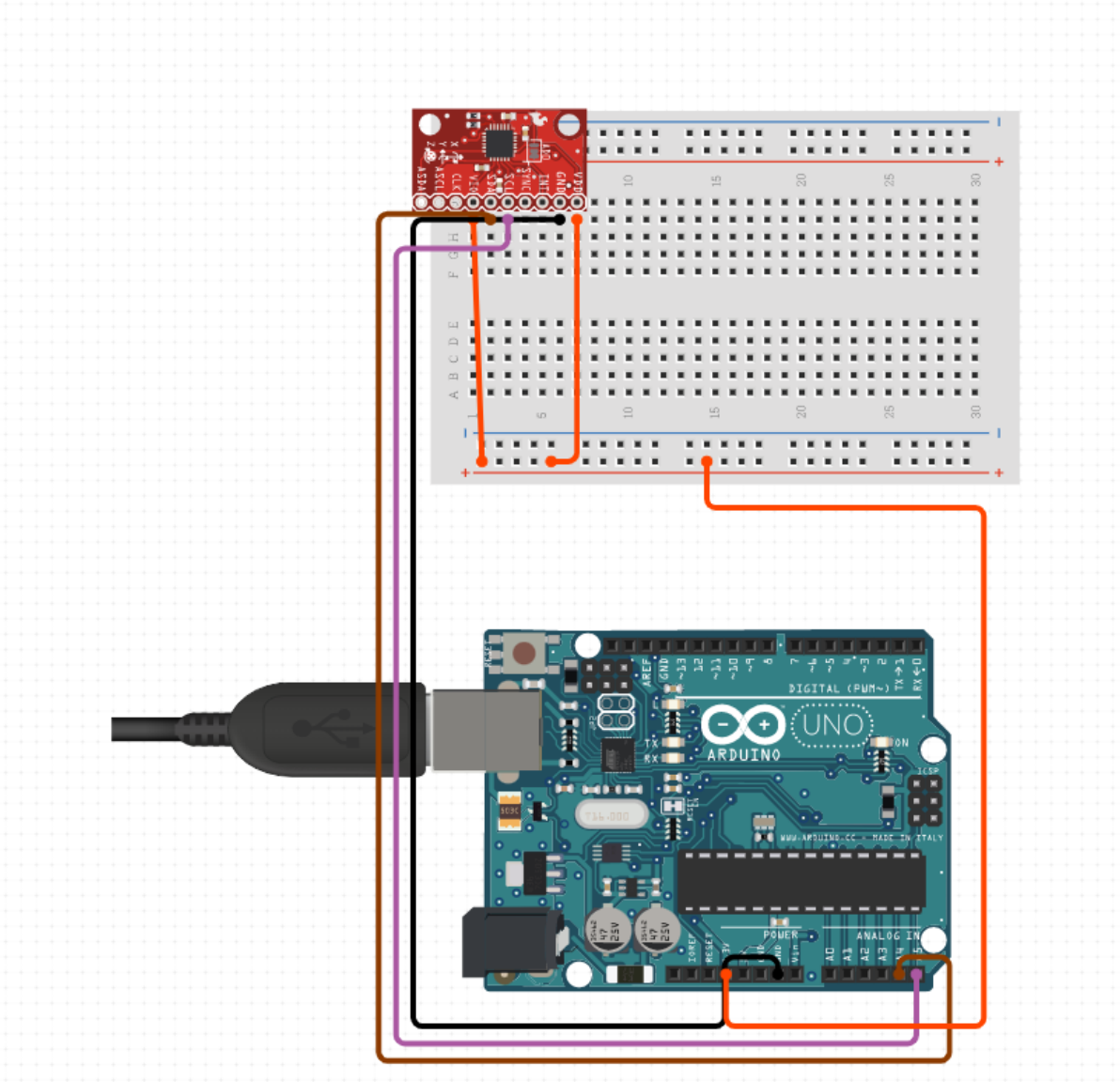
Gyro & Accelerometer Sensor Report (Plane Simulator) on the basic project using Arduino and Processing s/w.

Intro:

- This project (Plane Simulator) is to study and experienced on how to implement the gyro and accelerometer into the real life situation.
- Image snip below show the 2d circuit connection design consist of:
  - ✓ Jumper female to male x5
  - ✓ Mpu6050 accelerometer & gyro
  - ✓ Arduino Uno R3
- The Pin Connection:
  - ✓ Vcc - 5V
  - ✓ GND - Gnd
  - ✓ Sda - A4
  - ✓ Sdc -A5
  - ✓ INT - D2



- Connect the Arduino board to the PC.
- Install I2CDEV and MPU6050 library .
- Insert the Code in Arduino IDE (Integrated Development Environments) on link below: [MPU6050-Sensor/MPU6050_AKIM.ino at main · akimaziz/MPU6050-Sensor (github.com)]

- Please make sure to install the library first before run the program.
- After Install, proceed to upload process.
- Exit the Arduino IDE application in the windows.

- Next, open the processing 4.2 IDE and download a few library for the simulation plane shape:

    - ✓ toxiclib_p5
    - ✓ toxiclibscore
- C:\Users\user\Documents\Processing\libraries

(ALL STEP IS NOT 100% DETAIL, try to search and discover by yourself)

➢ Run the Code!