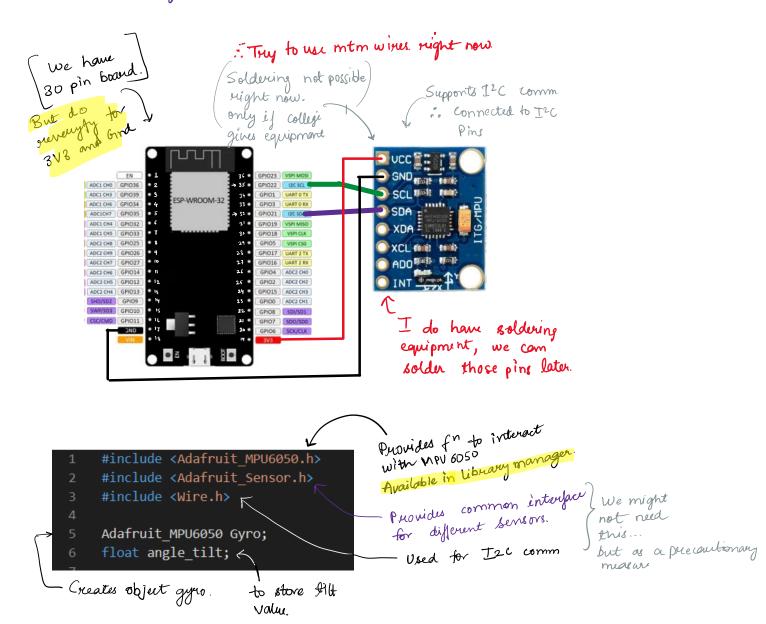
Constraints

Flen X

Audio amp X

:. We are left with MPU 6050 for 30 Jan



```
void setup() {

// put your setup code here, to run once:

Serial.begin(115200);

while(!serial) to wait fo serial

while(!serial) to (orrownication to

delay(20);

if(!Gyro.begin()) {

while(1) {

while(1) {

while(1) {

Serial.println("Gyro.NOT.Ready!!");

delay(20);

Wait for gyro to

be meady.

Serial.println("Gyro..Ready");

}

Serial.println("Gyro..Ready");
```

```
void loop() {
 // put your main code here, to run repeatedly:
                                         declares
Variable of
  sensors_event_t acc, gcc, temp; <</pre>
 Gyro.getEvent(&acc,&gcc,&temp);
                                          type
                                          Sensors_emnt_t
  angle tilt = gcc.gyro.x;
                          (gyno data is stored)
   if ((angle_tilt < -1.75) && (angle_tilt > -4.36))
   Serial.println("Gesture 1");
 else if((angle_tilt < 1.75) && (angle_tilt > -1.75))
   Serial.println("Gesture 2");
 else if((angle tilt < 4.36) && (angle tilt > 1.75))
   Serial.println("Gesture 3");
   Serial.println("No Gesture...!!");
 delay(1000);
```