To rotate the servo motor

#include "Wire.h"

#include "I2Cdev.h"

#include "MPU6050.h"

#include "Servo.h"

MPU6050 mpu;

int16\_t ax, ay, az;

int16\_t gx, gy, gz;

Servo servo1;

Servo servo2;

int val1;

int val2;

int prevVal1;

int prevVal2;

void setup()

{

Wire.begin();

Serial.begin(38400);

Serial.println("Initialize MPU");

mpu.initialize();

Serial.println(mpu.testConnection() ? "Connected" : "Connection failed");

servo1.attach(10);

servo2.attach(11);

}

void loop()

{

mpu.getMotion6(&ax, &ay, &az, &gx, &gy, &gz);

val1 = map(ax, -17000, 17000, 0, 179);

if (val1 != prevVal1)

{

servo1.write(val1);

prevVal1 = val1;

}

val2 = map(ay, -17000, 17000, 0, 179);

if (val2 != prevVal2)

{

servo2.write(val2);

prevVal2 = val2;

}

delay(50);

}