#include <Servo.h>

#define Xaxis A0

#define Yaxis A1

Servo serv1;

Servo serv2;

const int serv1Pin=3;

const int serv2Pin=4;

int servAngle1;

int servAngle2;

void setup()

{

 pinMode(A0, INPUT);

 pinMode(A1, INPUT);

 serv1.attach(serv1Pin);

 serv2.attach(serv2Pin);

 serv1.write(0);

 serv2.write(0);

}

void loop()

{

 int x= analogRead(Xaxis);

 int y= analogRead(Yaxis);

 servAngle1 = map(x, 0, 1023, 20, 160);

 servAngle2 = map(y, 0, 1023, 20, 160);

 serv1.write(servAngle1);

 serv2.write(servAngle2);

 delay(100);

}