#include <Servo.h>

byte com = 0;

//define the servo name

Servo myServo;

//define LED’s pins

Int GreenLED = 2;

Int RedLED = 3;

Int YellowLED = 4;

void setup() {

Serial.begin(9600);

myServo.attach(9); //define servo pin

myServo.attach(0); //servo position 0 degrees

//define pin mode

pinMode(GreenLED, OUTPUT);

pinMode(RedLED, OUTPUT);

pinMode(YellowLED, OUTPUT);

Serial.write(0xAA);

Serial.write(0x37);

delay(1000);

Serial.write(0xAA);

Serial.write(0x21);

}

void loop() {

while(Serial.available()) {

com = Serial.read();

switch(com) {

case 0x11: //command 1 is for Green LED

digitalWrite (GreenLED, HIGH);

break;

case 0x12: //command 2 is for Red LED

digitalWrite (RedLED, HIGH);

break;

case 0x13: //command 3 is for Yellow LED

digitalWrite (YellowLED, HIGH);

break;

case 0x14: //command 4 is for Servo motor

myServo.write(180); //turn to 180 degrees

break;

case 0x15: //command 5 is for Servo Motor

myServo.write(180); //turn to 180 degrees

break;

}

}

}