void setup() {

Serial.begin(9600);

pinMode(13, OUTPUT);

pinMode(12, OUTPUT);

pinMode(11, OUTPUT);// LED on pin 13 of UNO

Serial.println("------- MENU -------");

Serial.println("1. Switch RLED ON.");

Serial.println("2. Switch GLED ON.");

Serial.println("3. Switch BLED ON.");

Serial.println("4. All LED's are ON");

Serial.println("5. All LED's are OFF");

Serial.println("--------------------");

}

char a = 0;

void loop() {

if (Serial.available() > 0) { // is a character available?

a = Serial.read();

switch (a) {

case '1':

digitalWrite(13, HIGH);

Serial.println("RLED is ON");

break;

case '2':

digitalWrite(12, HIGH);

Serial.println("GLED is OFF");

break;

case '3':

digitalWrite(11, HIGH);

Serial.println("BLED is OFF");

break;

case '4':

digitalWrite(13, HIGH);

digitalWrite(12, HIGH);

digitalWrite(11, HIGH);

Serial.println("All LED's are ON");

break;

case '5':

digitalWrite(13, LOW);

digitalWrite(12, LOW);

digitalWrite(11, LOW);

Serial.println("All LED's are OFF");

break;

}

}

}