#include <LiquidCrystal.h>

// initialize the library by associating any needed LCD interface pin

// with the arduino pin number it is connected to

const int rs = 12, en = 11, d4 = 5, d5 = 4, d6 = 3, d7 = 2;

LiquidCrystal lcd(rs, en, d4, d5, d6, d7);

int m0=7;

int m1=8;

int m2=10;

int m5=13;

int r1,r2,temp;

//int init\_r1 = 0,init\_r2 = 0;

void setup() {

Serial.begin(9600);

lcd.begin(16, 2);

pinMode(m0,OUTPUT);

pinMode(m1,OUTPUT);

pinMode(m2,OUTPUT);

pinMode(m5,OUTPUT);

lcd.clear();

lcd.setCursor(0,0);

lcd.print("welcome");

//for(int i = 0;i < 10;i++){

//temp = analogRead(A0);

////init\_r1 = init\_r1 + temp;

//temp = analogRead(A1);

//init\_r2 = init\_r2 + temp;

//init\_r1 = init\_r1 /10;

//init\_r2 = init\_r2 / 10;

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

}

void loop() {

// put your main code here, to run repeatedly:

r1=analogRead(A0);

r2=analogRead(A1);

Serial.println(r1);

Serial.println(r2);

if((r1>=975&&(r1<=985)))

{

lcd.clear();

lcd.setCursor(0,0);

lcd.print("hello this is");

lcd.setCursor(0,1);

lcd.print("our project");

Serial.println("condition 1");

digitalWrite(m0,HIGH);

delay(1000);

digitalWrite(m0,LOW);

}

if(r1<=950)

{

lcd.clear();

lcd.setCursor(0,0);

lcd.print("u got nice");

lcd.setCursor(0,1);

lcd.print("face");

Serial.println("condition 2");

digitalWrite(m1,HIGH);

delay(1000);

digitalWrite(m1,LOW);

}

if((r2>=950)&&(r2<=970))

{

lcd.clear();

lcd.setCursor(0,0);

lcd.print("I'm hungry");

Serial.println("condition 3");

digitalWrite(m2,HIGH);

delay(1000);

digitalWrite(m2,LOW);

}

if(r2<=940)

{

lcd.clear();

lcd.setCursor(0,0);

lcd.print("not feeling good");

lcd.setCursor(0,1);

lcd.print("call doctor");

Serial.println("condition4");

digitalWrite(m5,HIGH);

delay(500);

digitalWrite(m5,LOW);

}

Serial.print("\n");

}