#include<SoftwareSerial.h> //Included SoftwareSerial Library

//Started mySerial SoftwareSerial

SoftwareSerial mySerial(10,11);

int gas=45;

int count1=12;

int water=255;

int pin=2;

int access;

char id[1];

void setup() {

//Serial mySerial Begin at 9600 Baud

mySerial.begin(9600);

pinMode(pin,INPUT);

}

void loop() {

// mySerial.write(id,1);

//delay(1000);

//mySerial.write(gas);

//delay(1000);

// mySerial.write(count1);

//delay(1000);

//mySerial.write(water);

//delay(1000);

access=digitalRead(pin);

while(access==0){

access=digitalRead(pin);

}

id[0]='G';

mySerial.write(id,1);

delay(100);

gasy();

delay(100);

id[0]='C';

mySerial.write(id,1);

delay(100);

county();

delay(100);

id[0]='W';

mySerial.write(id,1);

delay(100);

watery();

delay(2000);

}

void gasy(){

mySerial.write(gas);

}

void county(){

mySerial.write(count1);

}

void watery(){

mySerial.write(water);

}