#include “Bluetoothserial.h”

Bluetoothserial SerialBT;

Int LED=2;

Int trigpin=5;

Int echopin=4;

Int a=7;

Int b=6;

Void setup()

{

PinMode(echopin,INPUT);

PinMode(trigpin.OUTPUT);

PinMode(LED,OUTPUT);

Serial.begin(115200);

SerialBT.begin(“ESP32test”); //bluetooth device name

Serial.println(“The device has started, now you can pair it with bluetooth”);

}

Void loop()

{

Int Data= (serialBT.read() );

Digitalwrite(trigpin.HIGH);

Delay(1000);

Digitalwrite(trigpin,LOW);

Int duration=pulseIn(echopin,HIGH);

Int distance=(duration 0.0343)/2;

Serial.println(distance);

Delay(1000);

If (distance>1000);

{

SerialBT.print(“water level is”);

SerialBT.print(distance);

SerialBT.print(“ :NULL”);

}

Else

{

SerialBT.print (“water level is”);

SerialBT.print(distance);

SerialBT.print(“ :FULL”);

}

If (data==a);

{

Digitalwrite(LED,HIGH);

}

If (data==b);

{

Digitalwrite(LED,LOW);

}

Delay(20);

}