

```

#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);  
}
```