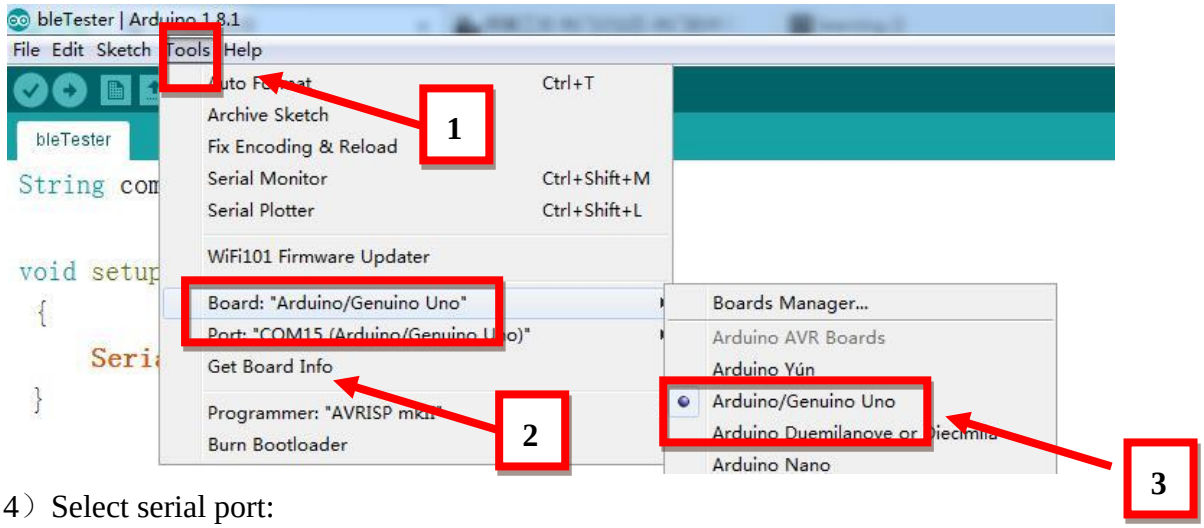
1.Select model and serial port

1）First, You need a uno board,arduino,and Bluetooth communication program. Then double-click the Bluetooth program to open the program.

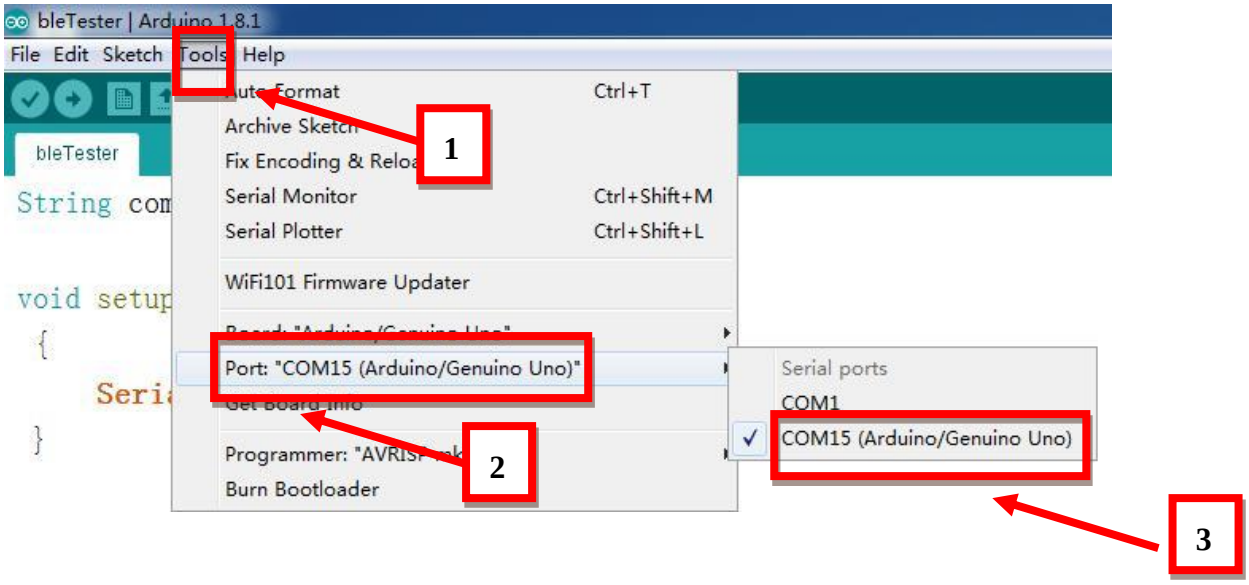
the Bluetooth program : bleTester.ino

2）please connect the uno board to the computer and start the second step.

3）Configuring arduion's board models: First, Click "Tools" on the interface border, Then choose "Board", Finally choose your board model.

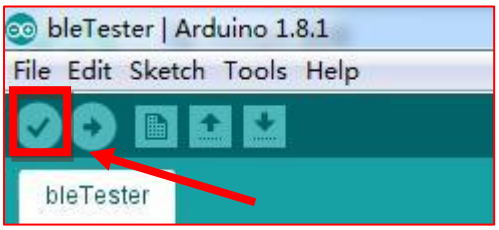


4）Select serial port:

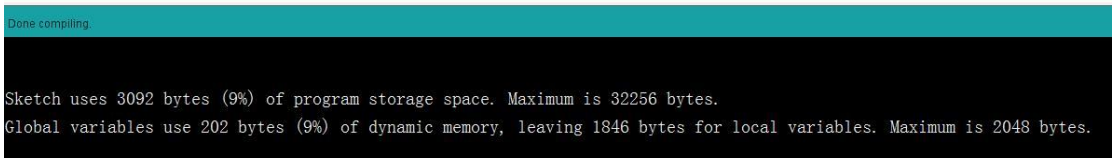


2.Burning of arduino

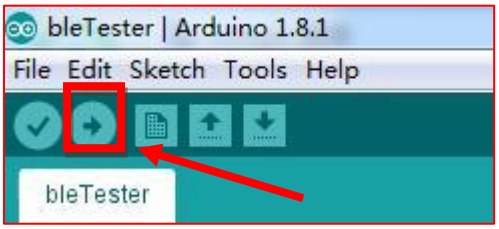
1）Click the compile button：



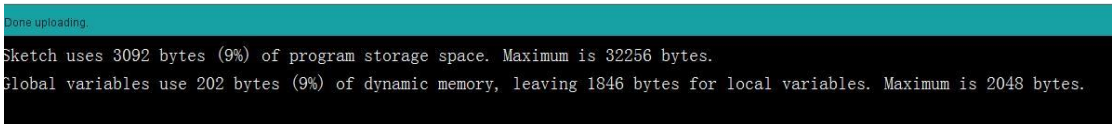
After the compilation is successful, the following is displayed：



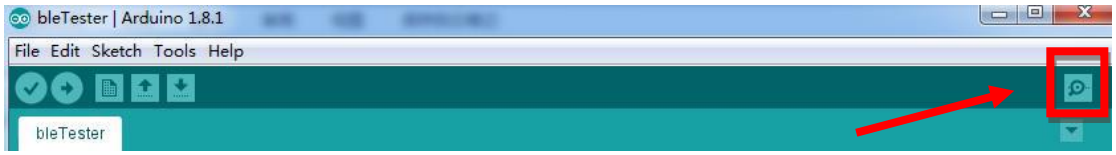
2）Compilation completed，Click the upload button to burn the program：



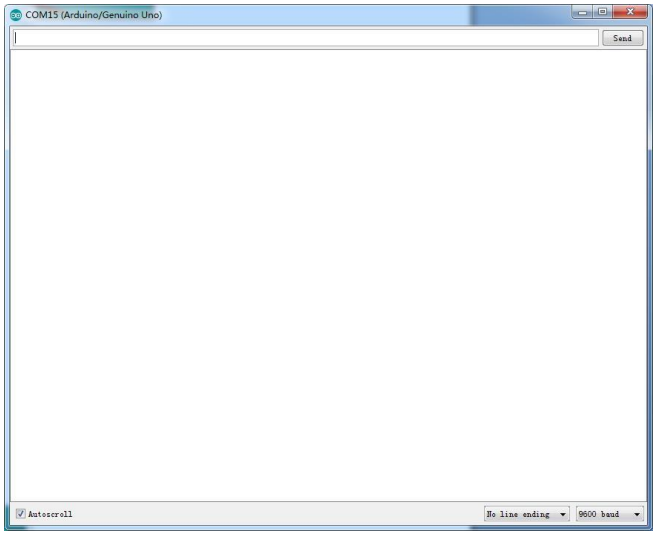
After the upload is successful, the following is displayed：



3）Open the serial port and wait for communication：



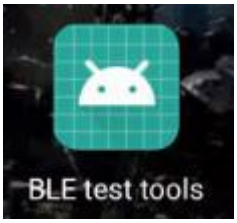
Click on the serial port button will jump out of this interface：



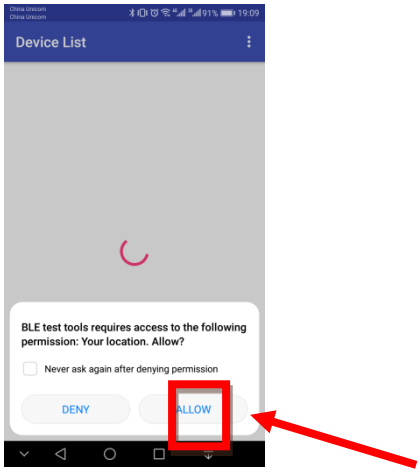
3.Use app to communicate with the serial port

1） Install BLETestToos.apk, then turn on Bluetooth.

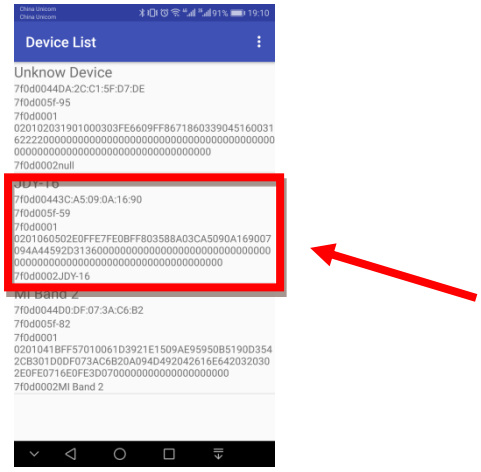
2） Open app, you will be asked to allow location permission at first, please allow it.

App: 

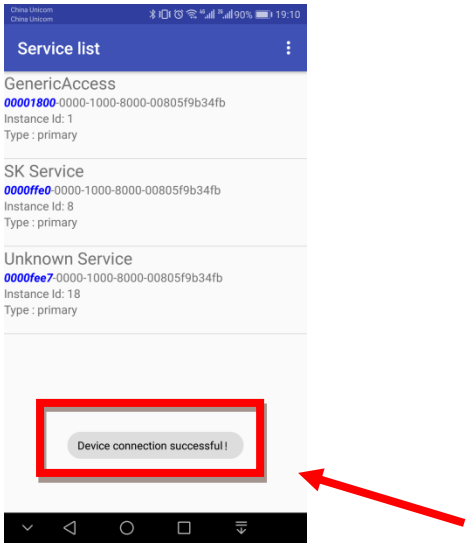
3） If Bluetooth information is not displayed, please pull down and refresh， Eventually not enough please close and reopen the app.



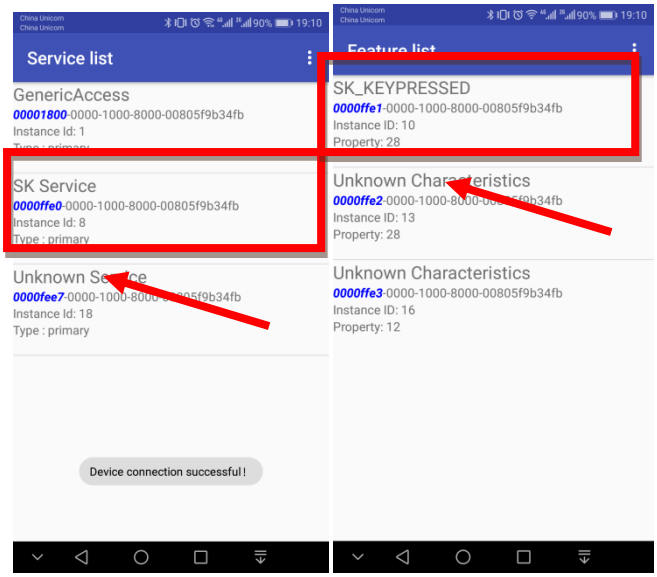
4） Open the app and select the corresponding Bluetooth model:



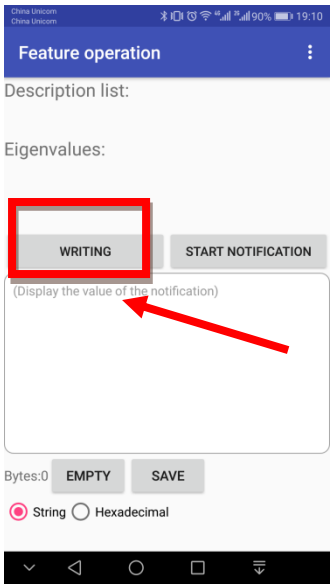
5) Click to enter the message box will pop up to indicate successful connection and jump to the operation interface:



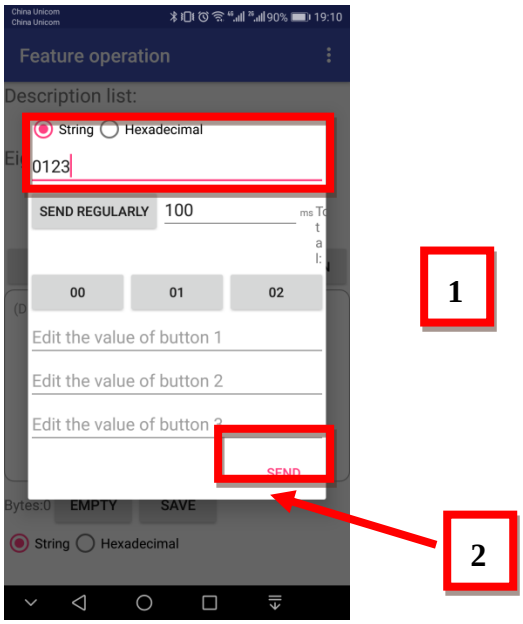
6) Click on the second， after clicking the first one：



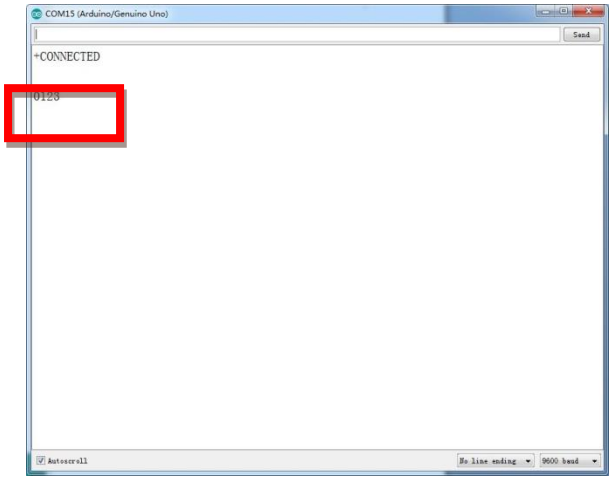
7） In the end you will jump to the user interface， and you can click “WRITING” to send：



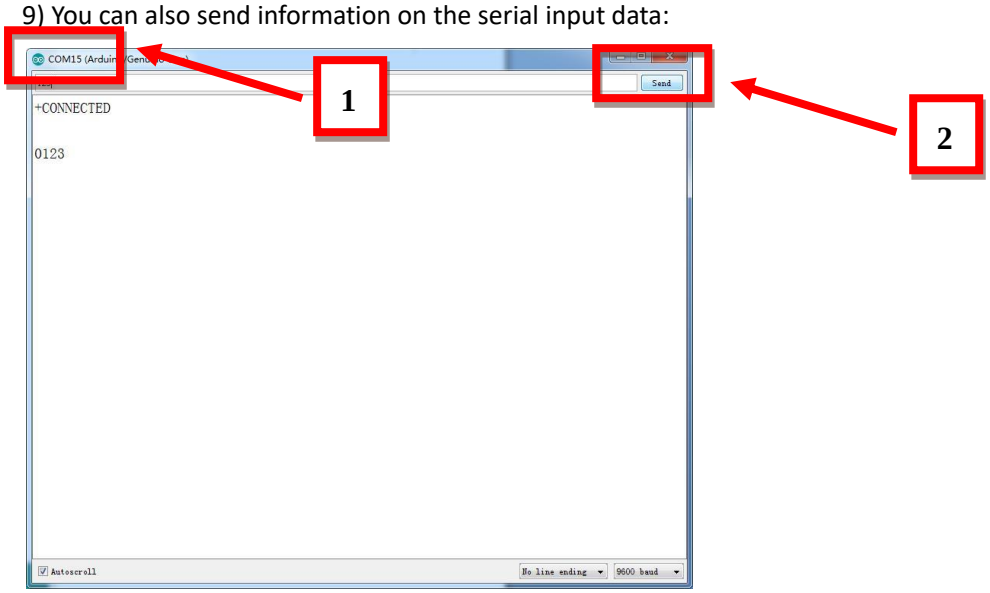
8）Click on the red line to write data, then click on “send” to send:



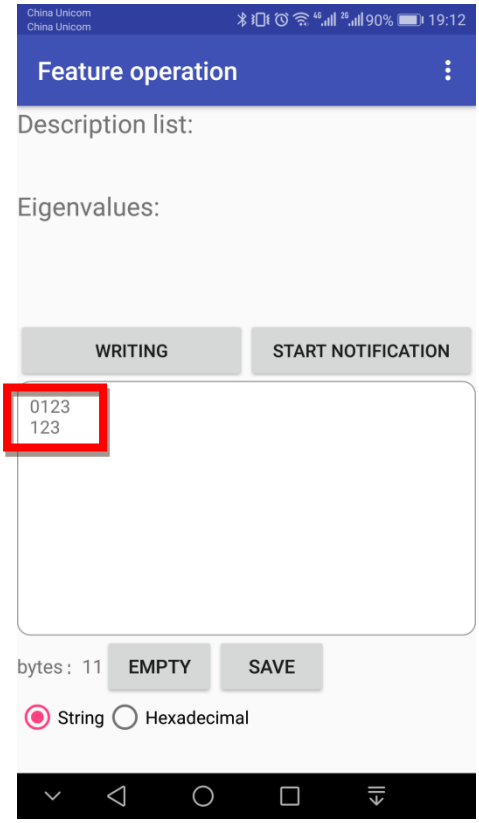
Serial port display is as follows:



9) You can also send information on the serial input data:



10）The result is shown below:


China Unicom
China Unicom
90% 19:12
Feature operation
Description list:
Eigenvalues:
WRITING
START NOTIFICATION
0123
123
bytes : 11
EMPTY
SAVE
String
Hexadecimal