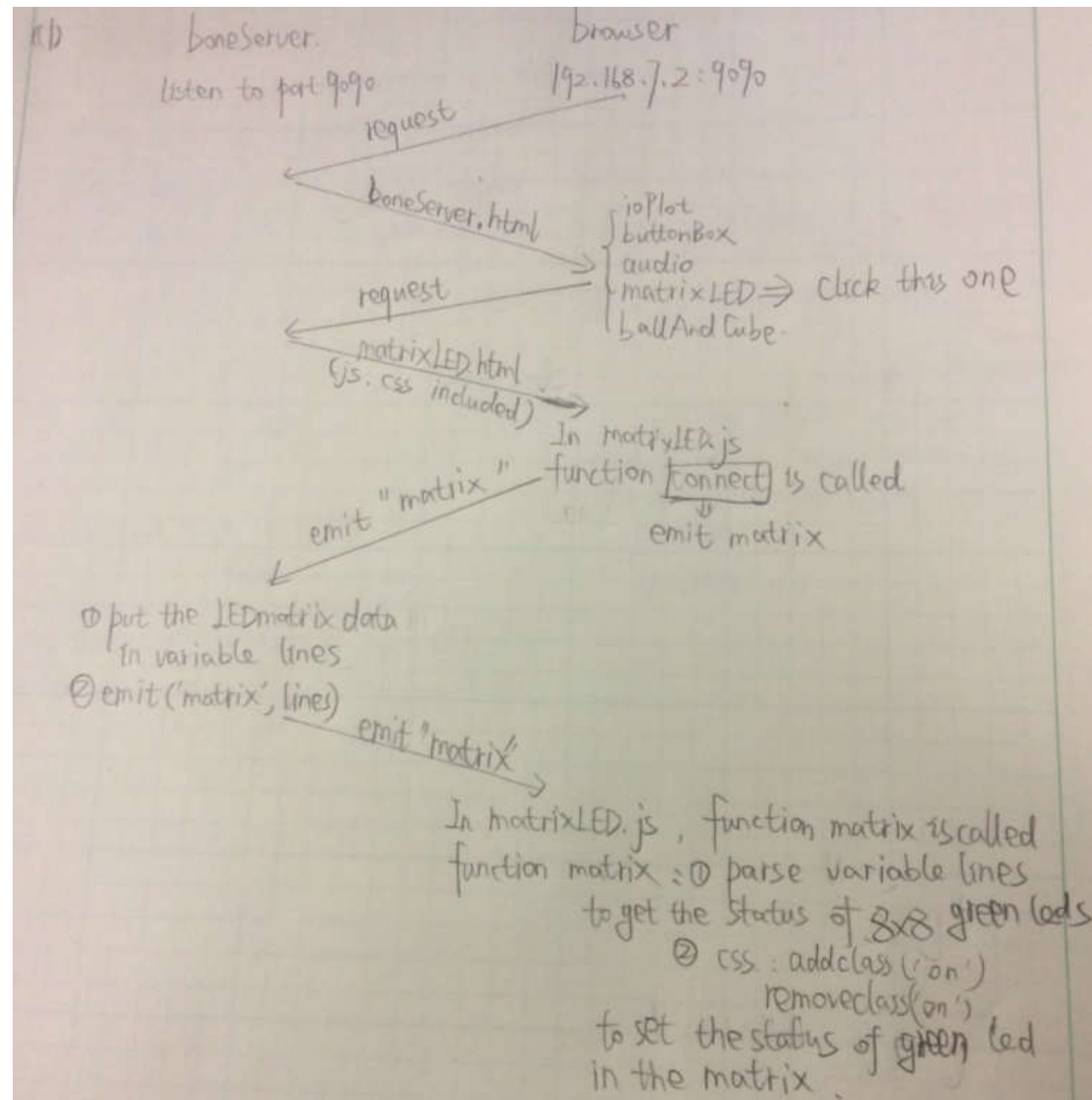
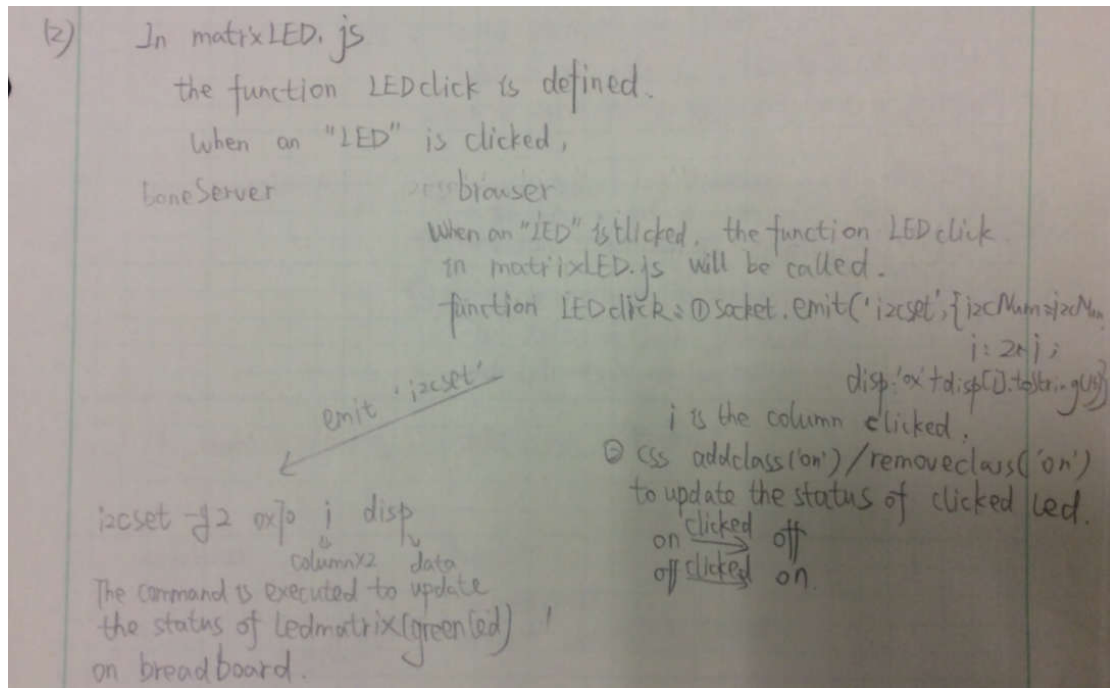


## MatrixLED

1. Before writing any code, write a paragraph describing how boneServer.js and the browser interact in the given example. For example, in matrixLED.js connect() is called to make a connection between the browser and the bone. The message "matrix" is sent to the bone. What happens in response to the message?



2. What happens when an "LED" is clicked on in the browser?



3. What entry in matrix.css is used to color the LED?

The class led gives a background color which is white.

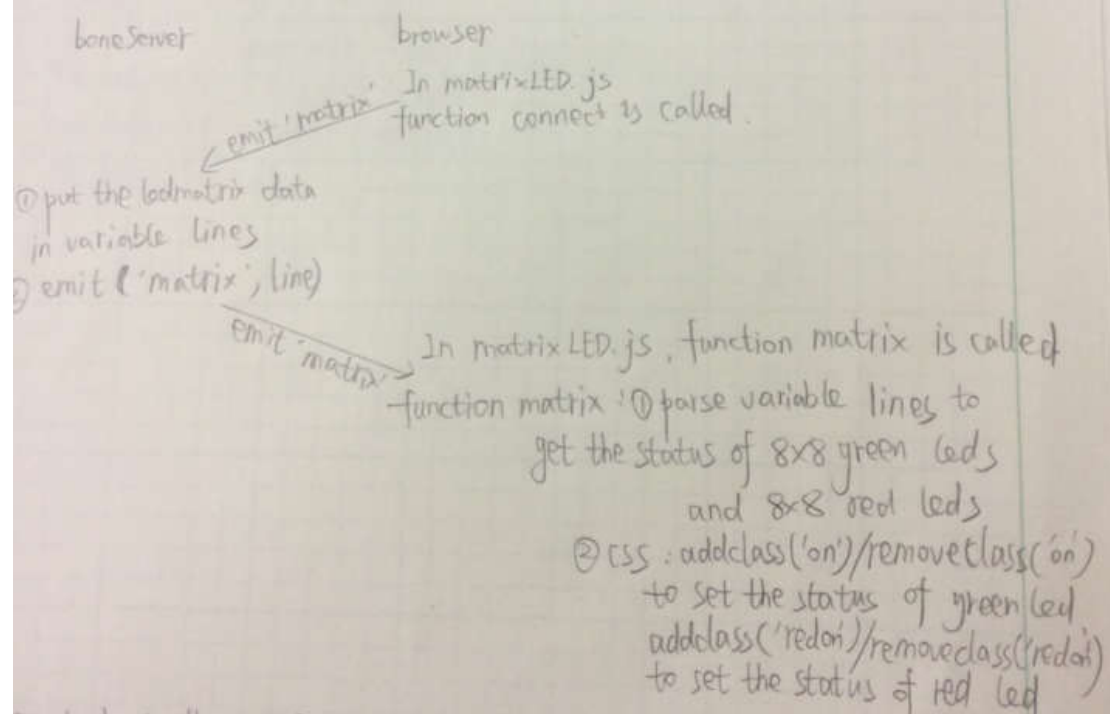
The class on gives a color of green.

4. Write a high level paragraph about how you will control the two LEDs. What messages will be sent between the browser and the bone?

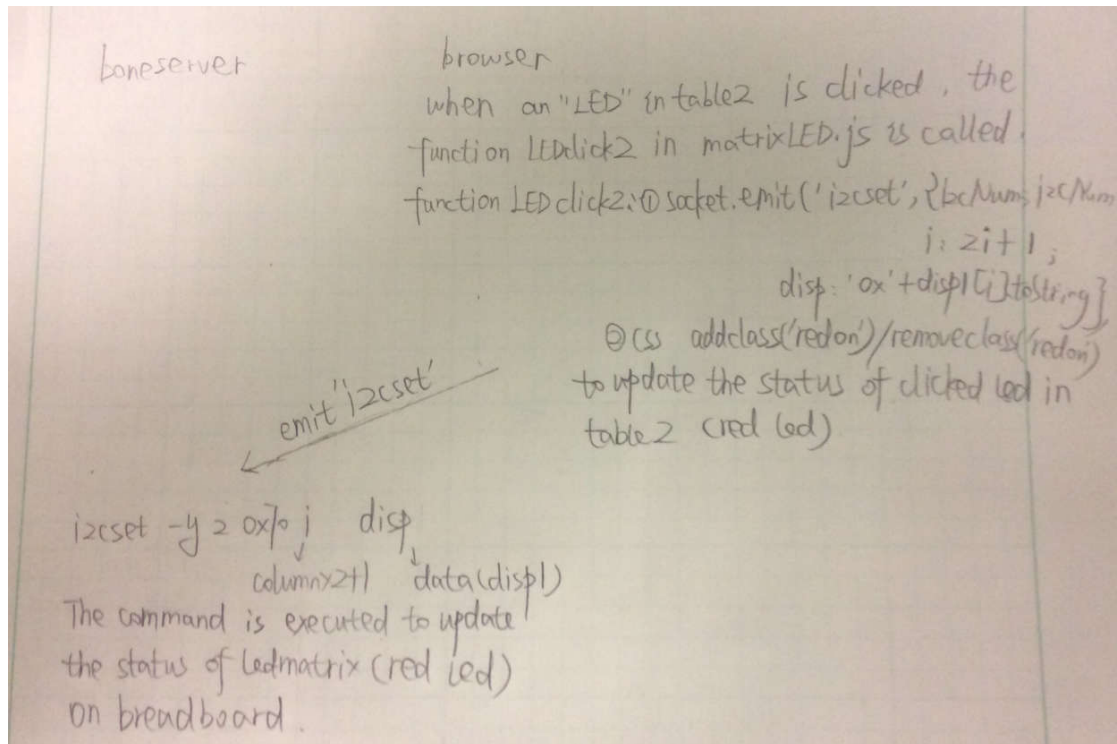
In matrixLED.html : add element of table2  
table 2 is another 8x8 table,  
which is used to control the red ledmatrix

In matrixLED.js : ① matrixData2 is added with 8x8 td.  
The data is put in table2  
② function LEDclick2 is added to control table 2  
③ function matrix is changed to initialize  
the status of both green ledmatrix and  
red ledmatrix in matrixLED.html

In matrixLED.css : add class 'redon'



LEDclick is the same.  
LEDclick2 is added:



5. Write your code. Do you need to change boneServer.js? (I don't think so.) Customize the html to have your name on it, etc.