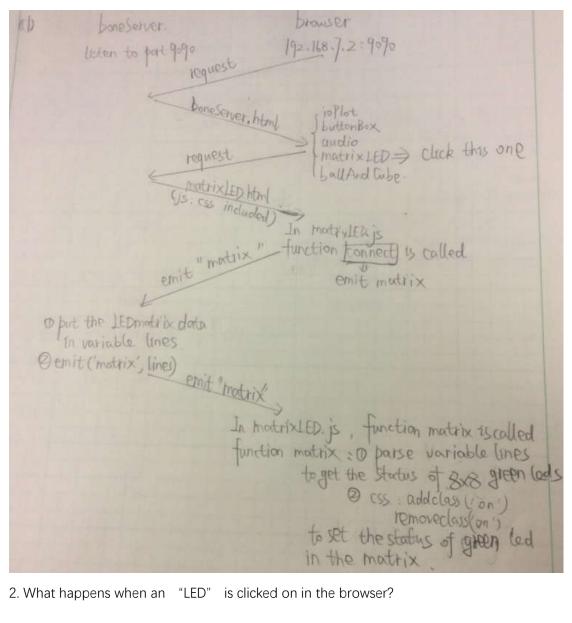
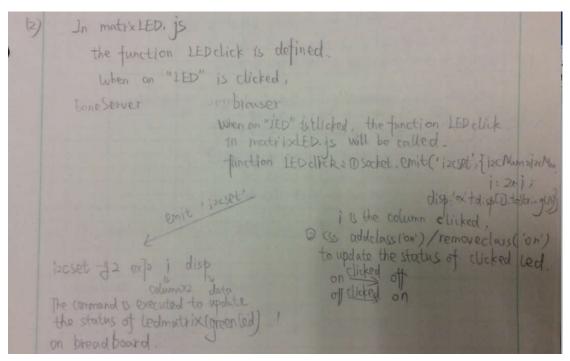
MatrixLED

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 mostrivIED html: add element of table 2 table 2 is another 8x8 table, which is used to control the red ledmatrix In motrix LED. is: 1 matrix bata2 is added with 8×8 td.

The data is put in table2

Tunction LEDelick2 is added to control table 2 D function matrix is changed to initialize the status of both green leadmater x and led Codmotrix in matrixLED html In matric LED its: add dass 'redon' browser bone Server Cenit notrie function connect is called put the ladmatrix data in variable lines emit ('matrix', line) emit matrix I In matrix LED is function matrix is called -function matrix O parse variable lines to get the status of 8×8 green leds and 8x8 red leds @ ESS: addclass ('on')/remove tlass ('on') to set the status of green led addclass (redoi)/removedass (redoi) to set the status of red led

LEDelick is the same LEDelick2 is added:

boneserver

browser

when an "LED" in table 2 is clicked, the

function libralish 2 in matrix LED is is called

function LED click 2:0 safet. emit ('izcset', ?bechum izc.M.m.

i. zit 1;

disp: 'ox'+displicitation

i. zit 1;

disp: 'ox'+displicitation

function LED click 2:0 safet. emit ('izcset', ?bechum izc.M.m.

i. zit 1;

disp: 'ox'+displicitation

jenit | zecset' to update the status of clicked lad in

table 2 cred (od)

izcset -y 2 ox/o j disp

column > zth data (displ)

The command is executed to update

the status of led matrix (red led)

on bread board.

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.