Write a function 'ArrayToObject' which takes in an array of arrays, and returns an object with each pair of elements in the array as a key-value pair and store the result in one arraytoobject.txt file.  
  
Input=[['Country', India'], ['State', 'Gujarat'], ['City', ‘Ahmedabad’]]  
Output= { Country : ' India ', State : ' Gujarat ', City : ‘Ahmedabad’ }

var fs= require("fs")

function ArrayToObject(a) {

    var temp = {};

    temp[a[0][0]] = a[0][1];

    temp[a[1][0]] = a[1][1];

    temp[a[2][0]] = a[2][1];

    return temp;

}

var data = [["Country", "India"], ["State", "Gujarat"], ["City", "Ahmedabad"]];

console.log(ArrayToObject(data));

fs.writeFileSync("ArrayToObject.yxy",JSON.stringify(data))

|  |
| --- |
| Write a script to define two JSON objects named as “division1” and “division2” having an array to store 5 integer numbers. Write this object in a file named XYZ.txt using file system. Define third array as result which gives output as explained below: Suppose first array contains base value and second array contains power value and then third array will give output as: a^b.For example: first array[0]=2 and second array[0]=3 then it should return 8 in third array[0] .Also append this result in XYZ.txt and as well as on console.  **var a1={a:[2,3,4,5,6]}**  **var a2={b:[5,4,3,3,2]}**  **var a3=[];**  **t=0**  **for(i in a1.a)**  **{**  **for(j in a2.b){**  **if(i == j){**  **a3.push ( a1.a[i] \*\* a2.b[j])**  **}**  **}**  **}**  **console.log(a3);** |

Write node js script to fetch values from url given below and display output as asked.  
"https://www.google.com/exam.txt?c1=Hello&c2=FSD2+T1+Test&c3=Welcome+to+LJU#AllTheBest";  
1) Data must be written as below in file named “exam.txt”. File name must be fetched from  
the url given above.  
Output:  
Hello!  
Welcome to LJU FSD2 T1 Test  
#AllTheBest  
2) Read content from file “exam.txt” and send response to server and display data in “/” page  
in same format as above but in H1 tag and in red color.  
3) If any other page is requested it shows “Page not found” message in plain text.

var u=require("url");

var fs=require("fs");

var h=require("http");

var adr1="https://www.google.com/exam.txt?c1=Hello&c2=FSD2+T1+Test&c3=Welcome+to+LJU#AllTheBest";

var q=u.parse(adr1,true);

var p = q.pathname;

a = q.query.c1+"!\n"+q.query.c3+" "+q.query.c2+"\n"+q.hash;

fs.writeFileSync("."+p,a);

d = fs.readFileSync("exam.txt");

var server=h.createServer(

    function(req,res)

    {

        if(req.url=="/"){

    //res.writeHead(200,{"content-type":"text/html"});

    res.write("<h1 style='color:red;'><pre>"+d+"</pre></h1>");

    res.end();

        }

        else{

            res.writeHead(404,{"content-type":"text/plain"});

            res.end("Page not Found");

        }

});

server.listen(5167);