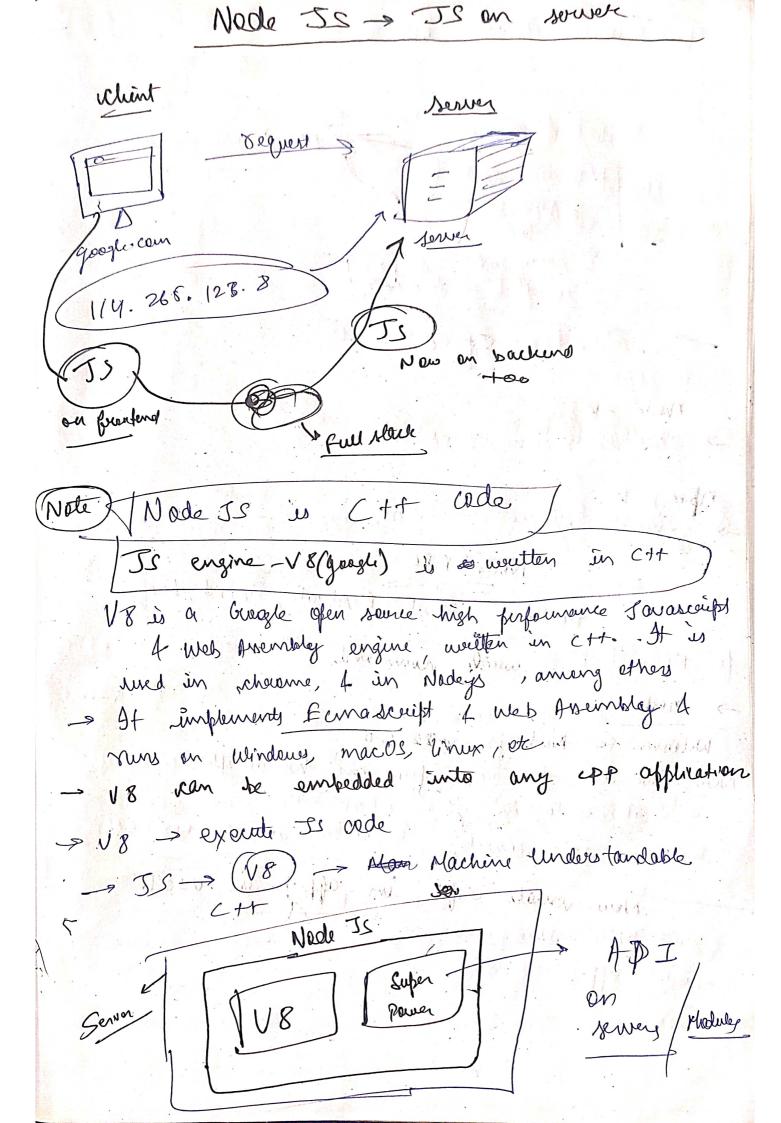
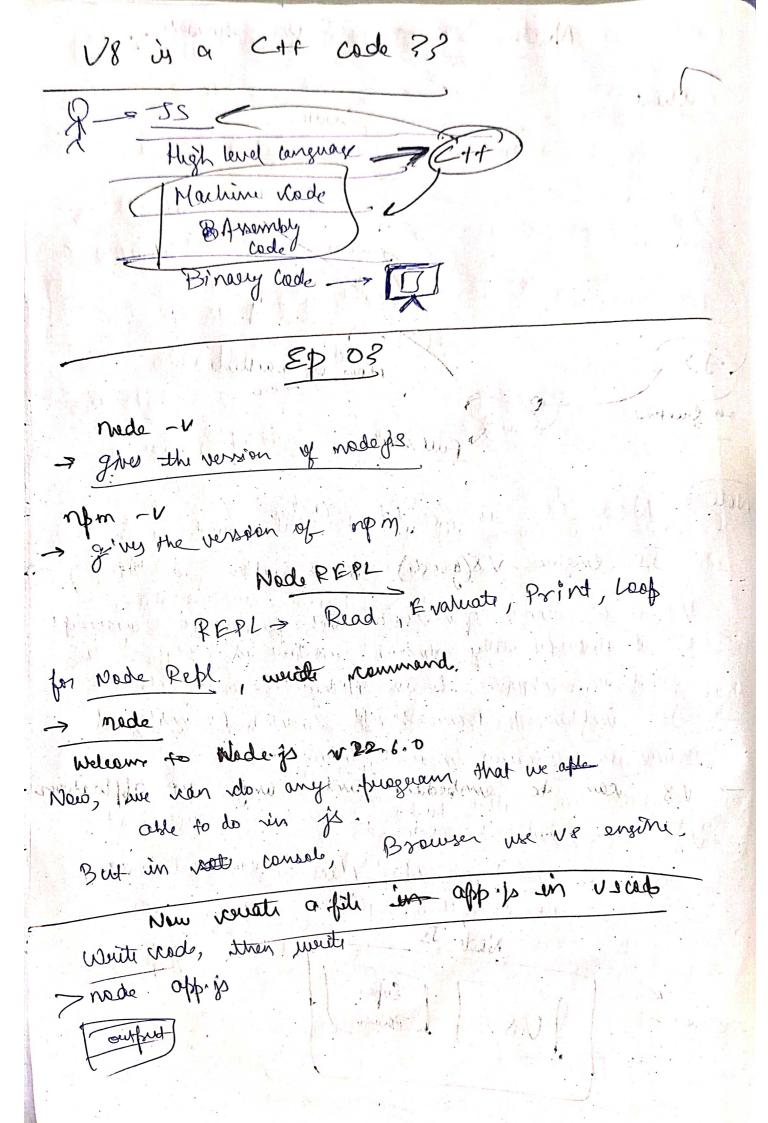
KYRR Namorate Node Js " Any rapplication that can be weither in Is will eventually Ic written in JS." Node Js is a vecen platform, open Source Java Scriet Juntime environment that can our 5500 anywhere. Run Javasvigt Everywhere If is a joursoupt ourteme built on Cherome's V8 JS engine -> Node js has an event-derven aerchitecture, rapable of asynchronous I/o. / Non Blocking I/o History > 2009 > Royan Dahl - stude mantey (finefor) 2 day X } (JS Engens) - V & (google vchemme) / Web. /> created for web servers Apache HTTP serve Y Nade . js pristold non gir ti so Sorper while blocking > 2010 = NPM > package manager for Moder js > 201 = Windows Support (Togent + MS) → 2012 → Ryan left & the perspect. Jesac lead then = 2014 - Fedor o for Node, js 1 weath 10 mis -> 2018 -> Forish Noderis menged - Node Js foundate -2019 7 Node Js foundation + JS foundation -





We know that 'window ' is the global volgict in our Got consolo window. which is given by Browser, not by v8 engine. If we slype 'this', 31.4.15 rd then we got window as global object But in nederjs, we have "GLOBAL" as the of global object would be done in remole. leg. (global) we will got (global) ? (Not), global is not a part of 18 engine so, it Is not given and in console. But global in given by Node is / Extra super powers that Neds je hour. Bot Timeout det grotes val Ag 18 engin any follows Ex mascrept. It don't undersland global. It only understand when Ded global in grun by made je S. May Have duly me duly make flyselle ? Thrumsel. log (glabal) & consel. log (this) global object empty object Even in console and their will Swindowsky with 1 July 20, different ourtime have Destrois for defend uname for global. > sul) So, open 33 foundation All gives wirdow, i'e. global object decided to use bylobal This The state of a univeral

Ao, & Global This is sufforted by every transmisser fourthing 1.0 Node. js, Derro, Saming Indend, Characte, safaris, edge So, en campole, into the money of global This askrolous (1301/1011) such sey the form So, in Nado js terminel global they > global: - To check, Combiles (globalthis == = global) -> Asuo Hum om en running one file une are also able to sun second. ? How Let app. is a serci jes out two file which our septials howing no solution. In we can say app is and sur pare two different modules. (1) So How do you make town module work together? - the signise functions - which tells? for we require another 1.6. require (".1 sec. js?) then on our, which will work work me me ? (8) & Suppose, we have some for a some vasuable in ser. js. also there same courds leg ("Hola Mis) of New, we long sew jo in Capp. jo. A New, we former to stand of formit of some of brief su p. do we aske to get it?

NO, as when we no require sur js. sur js sun frist, all the round or muy fainted. But f(n) d variable we are not able to fetch

Because by default, of (2) 4 variables are fueletted in modules.

Modules protect their varyables and functions from red collibora & peaking. leaking.

to, flow can we access? To me prevate stuff, we have to expect We uspeld export this f(n) fewer This file and impoduthes of (a) winto another file

Do we have to explicitly export this. How?

module-exports = function/vour name

Now, we have to intot tradem this when we want so my sequire

do, in app: 15 file

const fine rune | van ram = dequire (= (xoce je ') ;

Now of we want to export multiple stuffs then we export it as object, m module exports = }

3 calculatos: calculata

const orj = require ("./ser. jo"); app.80 on, xalulatorz

Note: - Normally, Lusing import, we use to destruction it. How we don't ned to we objeverywhere. re. const 3x, rehulder 3 2 require ("./ sue is "); Then we don't need, obj. x or obj. valculators. we van write x, or valudator (0, b) Note: We can even ship of grantension during import. Common JS Modules (cjs) 19 1. (mys) (esm) 文 Kanman Is madules White is the state of the state the sout we have to whare the default _ madul exports configuration of type from -> require () biogrammon is to emedule", export function name €) } -> by default uned in Nade je import & gal from "/ sec. 353! → by default used un Reach Angular, The - Older way - homer want. 3 Byn chronous -> Async often to available for and about mode.) (8) - non struit made ((g. m. 1.) minus)

What is module go module expands? " HER MARVILLE It is empty object \$3. So, during export, we van write module exports or = x (ile van vereate a folder as medule > what we have to be do is, weater a index-js file where we have to import all the the fire things that we wanne export from this folder. At last export all this things from index is it is the Now, of not necessarily folder / index. is use this as module. win record of the state of the Which Day Liberde.