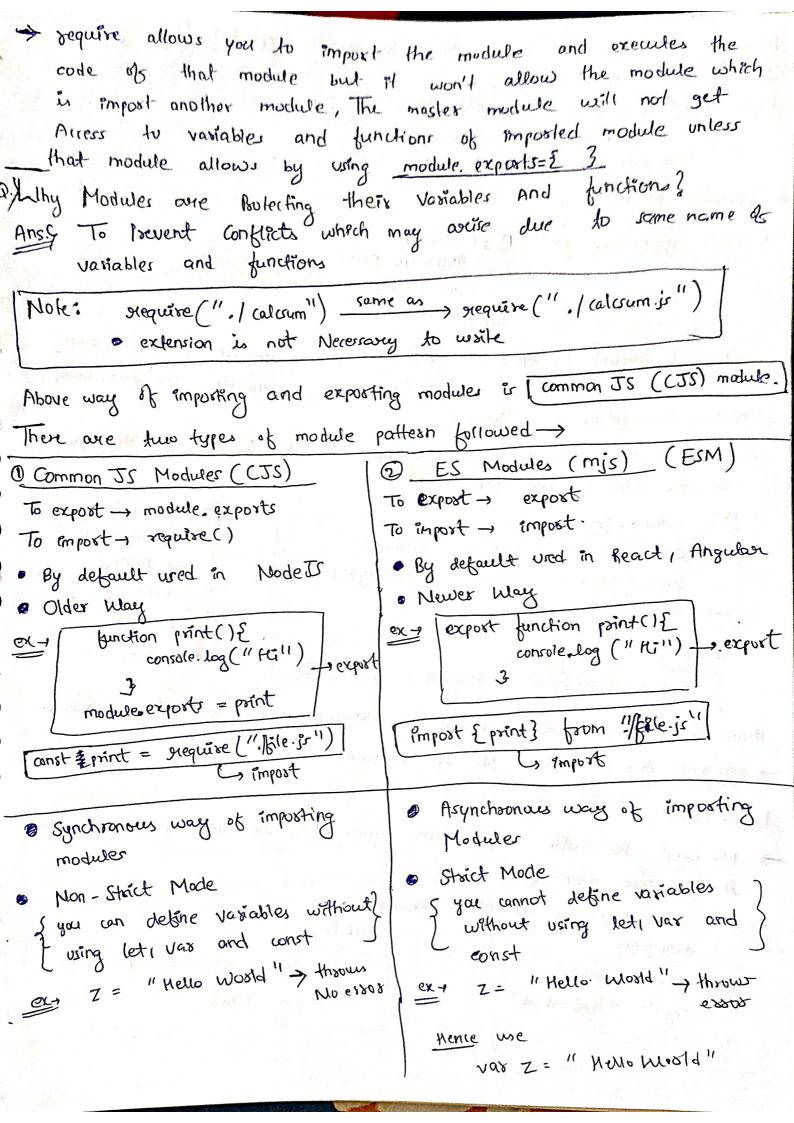
Episode - 04, Module expost And Require
for this 'require' is used.
en nequire (" xyz.js") -> et & basecally emport
Require - To import a module inside Another Module is available to us always in module like global object. But by simply require a module, we cannot access directly the variables and methods in that module.
-> Modules protect There variables and functions from Leaking.
Module. Export -> It is used to give Access to variables and functions explicitly of that madule var x = "Hello"
ex = in module which will be exported > function sum (a,b)? calcsum.js const sum = a+b console.log (sum)
module exports = cem.
In main life \rightarrow const sum = sequise (ca(csum.js)) app. is var a=10 vas b = 20 sum (a,b) Above works only for single function or Variable. To export more than one function or variable or Both $\circ \rightarrow object$
module, exports = { Note: By require("filename is") \rightarrow only ode is executed but we cannot Access variables And functions. For Accessing \rightarrow module exports is Meeded
in app. gs -> const obj = require ("./calcrum.js") obj. sum (a,b) consde 10g (obj. re)
we can also use <u>De-structusing</u> of <u>object</u> const { sc, calcsum} = require (11./calcsum.js")
in calcoumis - To expost we can also write -
module export 2 x, sussum 3 it is same module export 2 x: x, as this only som: sum 3
Just a shostout
to write



What is Module exposts & - console log (module exports) -1, 23
It is an empty object.
Hence another way to write exports is:-
module, exports. >c = >c;
module. exposts. sum = sum;
#Organizing Modules -
(1) into folder ⇒ ex: [= calculate] → multiply is from modules app. is
How To impost in APP. is: const { calcount} = sequire("./calculate/sum.js") const { calconul} = sequire("./calculate/multiply.js")
(2) Making the folder as a Madule.
(1) create endereis in that folder - impost the two functions from their module
in this index. is and exposit at
eco ender is I
ender jr index. jr index. jr index. jr sum. jr
app. js] calc of _ neovine (" (calculate")) data. json
Henre The calculate folder becomes a Module which gives theo functions.
Hence The calculate tokker becomes a
- efficient for a larger No. 1)
4 Toposting from Ble
-> No need to write expost in iron file, we can discord
it of Grix main the
ens with reference to above example > app-is
data-jeon ("./data-jeon")
"city": "Hyderabad" console.log (data)
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