Free & oper source serves. - A plat form which allows us to you TS on à computer/server easily communicate with a database Why node is? Very fast (suns on V8 engine & uses nonblocking code) huge ecosystem of open source packages Inpunt
great for real time services (like chets) V8 engine is written in C++ by google and it compiles JS into machine code. Node js is also written in C++. VB engine is wropped inside node;s as well as in browses. which helps JS to run on computers outside

//__ Arrow functions Eg 17 const greet = (name) => consoli log ('hello \$ Enz'); or console log ("hello, " + "); greet ("Yuketa"); greet (" Jai"); const add = (x,y) => x + y; console. Log (add(1,2)); Global Object Objects that are available in all modules. Britt-in objects past of J.s and con be used directly without importing. leg 3 buffer, console, process, global,
get Immediate (), set Interval(), clear Time
URL, ltc. out() To get disectory name: console.log(-disname);

(Import & Export) modules & Require Turport using Require const xyz = require const people = [
("/people"); "yukta",
"jai",
"tripti", console log (xyz);] Periods
lengty console. log [people];
object {3. | # priors the object. Exporting using modules module. exports = people; consolilog (xy2); Il will print the Spect. Exporting multiple objects modull exposts = {

people, ages To import seperately, sonsole. log(xyz.people, xyz.ages);

//_ Shiposting using some name. court & people 3 = require ("./people"); console log (people); conste const & people, ages 3 L. L (people, ages); Functional expressions The function keyword is used to define a function inside an expression. Egs const orea = function (rength, width) zetnen Length to width; Carsol, log (area (3,4)); 1/ Without expression & function & area (1,6)

Exture 1x6. console log (area (3,4));

Fix system (create, read, delete) This is a modele which allows us to read, exerte, delete files on our computer using Javasceipt. To read file, const fs = require ("fs"); Fs. read File (1. I doct text txt", (err, data)

gath name

p { if (err) { ...

consoler log (err);

ach { 3 Callback t Console by (data to String ()); print the data this file. Console log (" second line"); > this line will be prived first. readfile it is asynchronous and takes some fine to process the code.