is a package manager for Javascript. pachage. Ison is a configuration for nom. Lot keeps trock of what version of that pochage is installed in our system ( bundler is an important dependency. It is a me will use parcel! development tool I that combines many Javascript code files into single one that is production ready loadable in Two types of dependency an app can have Lider dependeny -> required in a development L'hormal dependency Dig beading in sole soft. it can be used in production also. - npmorinstall (-b) parcel . Moo ut jutoluginors co (2 mean it is installed as der dependency with ofto ming our water I to to of Kid: " reading ? . minor upgrade De package-lock. JSON → keeps a enout copy of the version of partage which is horse no it the partiage costs approach the suggest tops to pool in parcel itself has dependence and those dependencie has other dependencie which is called Transitive dependent Le why node modules is so large.

(2) If we have package-json and package-lock. json we can recreate all our node moduly. This is why these This is for large that two are pushed is why we put lit into · getignore o We will use parcel to eguite own app. npx parcel index the stylen for a good source file of our app. when we have to I was from U 40 months nitall a package me use npm. who we have to execute a package the npx portrage ( con linke is not a preferred way to incorporate Reauf, in our app. and React Dom. → It is easy to wietall proof & ReactDOM from rode-modules essip npm. L) 27 will be more fast 6 lagfree. - To install react. not using -D as we or infally seed as - To critall React Dom. normal dependency not as der dependency. npm install react-dom i react-dom

( P browser soupte have importe er exposet. to fait - we un Lsrcipt type= "module" src = "./App.Js"> ( parcel - Der Birld - bolal server - HMR = Hot module Replacement - File watching algorithm - written in C++. - Faster Build because of Coching. - Image optimisation. - Minification, Bundlerg, Compression. - Consietant hashing. - lode splitting for creating a production bould order. html - will get an error as entry paul we have given as is forced Untiles of = we have a new which we have dist folder To semon from pochay. when we execute parcel ( npx parcel index. while) it generales development build of project hosted onto 1234. So when it generates a douclopment build it puts it into dist folder. The display on melopoge comes from dist folder not from Inden, App. is. and whom we refresh the files it was using parcel-cache and dist to update using HMR.

- In dist folder, we have some map files and three main files html, ess, is which are production ready code of our app.
- me do not have push dist & porul-cake onto
- Jo make our app compatible witch old browners we will add "browsers.list" package from node moduly to package json,

- "browsersliste": 1

"last 2 nersers"

-> React it very fast b/c - scart it fast
- bundler also plays
important role.

(production build development build).