1. What is CDN ?

2. What is Crosorigin ?

Package json is configuration for npm

NPM is package manager it is managing all JavaScript package , NPM is standar Repository for all the packages. It’s a biggest package manager, any package you need to include in app you can use npm, all the package hosted over there.

Package and dependency both are same

Start

Npm init

(don’t use npm init -y, its skipp lots of things)

Bundlar : web pack, parcel, weet

npm install -D parcel

Npm install -D parcel

NPM is everything but Node package manager.

There are two dependency in our app 1. Dev Dependecy 2. Normal Dependency

What is Dev Dependence & normal dependency ?

Dev Depencey required in development phase and normal dependency for production

Why using -d :- there are two type dependency

1. One is dev dependency it is for development 2. Normal Dependency it is used in production

What ~ and ^

* Transit dependency

Node module is collection of dependency

1. Npx parcel index.html

NPX command is executive the packages

Parcel : it is refreshing page automatically . its create server on local system. Build the dev, File writing algorithm which is written in c++. Cahing :- Faster build

Image optimiazatoin

Minification

Building

Compress the files

Cansistance hashing

Code spiliting

Spilit files

Differential building : support older browser

Parcel.org

Production build :- npx parcel build index.html

Browerlist.dev

JSX non html in Javascript its looks like html/xml.

<https://babeljs.io/>

how to write image tag in jsx

how to write anchor in jsx

and more attributes

Functional components :- a function which is returning some of jsx is a functional components.

Swigy done is config driven UI

Study the **cors policy**

<https://www.youtube.com/watch?v=tcLW5d0KAYE>

EPISOD : 7

If no dependency array => useEffect called on every render

If dependency array = [] , useEffect call on intial render (just once )

npm I react-router-dom

chunking/Code splitting / Dynamic Bundling/ Lazy Loading/ On Demand Loading /dynamic import

css

Read :- SCSS and SASS

Style-components.com

Material UI

Chakra UI

Ant design

Higher order component is take the components and return the component, end of day its normal javascript functions

… spread (dot dot is called spread)

There are two layer in all application Data Layer and UI Layer, UI Layerd is powered by data layer

UI Layer :- JSX

Data Layer : Consiste of State, Props, local variable, {} in application JSX, Javascript code

Lifting stateUp: Read the doc :- this is use for accordian (toggle expend and hide feature it will open only one section rest section is in hide mode)

Props drill

React context

npm i @reduxjs/toolkit

npm I react-redux