● - What is `NPM`?

NPM is a package manager we can call the abbreviation has we needed, it stores all required packages to develop a react project.

● - What is `Parcel/Webpack`? Why do we need it?

Parcel is a package which includes other transitive dependencies, it build the react project to deploy the bundled file to PROD and DEV.

● - What is `.parcel-cache` ● - What is `npx` ?

.parcel-cache it stores data which executed earlier while running/building “npx parcel index.html” it helps parcel to build in less time

Npx=> it execute a code

● - What is difference between `dependencies` vs `devDependencies`

Dependencies are only while deploying to production sever -- producation phase where it includes less packages and devDependencies it will be used in development in local which includes in more size.

● - What is Tree Shaking?

Tree shaking is included in parcel it removes unwanted/unused code using algorithm

● - What is Hot Module Replacement?

HMR is included in parcel where it gives auto update/refresh webpage when code changes

● - List down your favourite 5 superpowers of Parcel and describe any 3 of them in your own words.

Tree Shaking

HMR

Minifiaction

Bundling

Image Optimization

● - What is `.gitignore`? What should we add and not add into it?

.gitignore will not include to commit/push code/file to github, we should not add whenever its not needed to push(those can reproduced locally)

● - What is the difference between `package.json` and `package-lock.json`

package.json is a high-level overview of your project and its dependencies, while package-lock.json is a detailed, machine-readable file that ensures consistency in dependency versions across different environments and installations

● - Why should I not modify `package-lock.json`?

manually is discouraged because it undermines the purpose of having a lock file, which is to ensure consistency, reproducibility, and reliability in managing dependencies for your project.

● - What is `node\_modules` ? Is it a good idea to push that on git?

Node\_modules is a folder/package it will have all dependencies

● - What is the `dist` folder?

Dist folder contains the build and dev files

● - What is `browserlists`

Browserlist it gives to flexibility where our code/project can work specified browsers

Read about dif bundlers: vite, webpack, parcel

● Read about: ^ - caret and ~ - tilda

● Read about Script types in html (MDN Docs)