1. What is CDN Link?

* <https://aws.amazon.com/what-is/cdn/#:~:text=A%20content%20delivery%20network%20(CDN,loading%20for%20data%2Dheavy%20applications>.

1. What is corssorigin

* <https://www.geeksforgeeks.org/html-script-crossorigin-attribute/>
* <https://medium.com/@tanish_rajput/crossorigin-your-guide-to-secure-cross-origin-adventures-in-html-8c84f174ecf9>
* <https://developer.mozilla.org/en-US/docs/Web/HTTP/CORS>
* CORS and CORS Headers : <https://developer.mozilla.org/en-US/docs/Glossary/CORS>

1. What is the Purpose of Render

* <https://www.geeksforgeeks.org/explain-the-purpose-of-render-in-reactjs/>

1. What is Git and GitHub

* <https://blog.hubspot.com/website/git-vs-github>
* <https://www.theserverside.com/video/Git-vs-GitHub-What-is-the-difference-between-them#:~:text=The%20key%20difference%20between%20Git,is%20an%20online%20SaaS%20service>.

1. What is npm and How does it works?

* <https://reintech.io/blog/what-is-npm-and-how-does-it-work>

1. Package.json

* <https://heynode.com/tutorial/what-packagejson/#:~:text=Your%20package.,dependencies%20required%20by%20the%20application>

1. What is a bundler in ReactJs ?

* <https://www.dhiwise.com/post/embark-an-enlightening-journey-with-react-bundler>

1. What is parcel bundler?

* (<https://github.com/parcel-bundler/parcel> ) / (<https://parceljs.org/>) / (<https://parceljs.org/features/development/>)
* <https://medium.com/@nikhildhariwal2004/parcel-is-a-beast-an-all-in-one-bundle-for-powerful-web-development-e79f8a70cbd6>

1. what’s the difference between tilde(~) and caret(^) in package.json?

* (<https://stackoverflow.com/questions/22343224/whats-the-difference-between-tilde-and-caret-in-package-json> )
* ~version **“Approximately equivalent to version”**, will update you to all future patch versions, without incrementing the minor version. ~1.2.3 will use releases from 1.2.3 to <1.3.0.
* ^version **“Compatible with version”**, will update you to all future minor/patch versions, without incrementing the major version. ^1.2.3 will use releases from 1.2.3 to <2.0.0.

1. All about package.json and package-lock.json

* <https://www.atatus.com/blog/package-json-vs-package-lock-json/>

1. What is Tree-Shaking?

* <https://www.telerik.com/blogs/tree-shaking-basics-for-react-applications>

1. What is BrowserList?

* (<https://modernjs.dev/builder/en/guide/advanced/browserslist> ) /
* (<https://github.com/browserslist/browserslist?tab=readme-ov-file#queries> )

1. What i s Babel?

* <https://www.scaler.com/topics/react/what-is-babel-in-react/> / <https://babeljs.io/docs/>

1. What is the Difference Between JSX and HTML

* <https://www.freecodecamp.org/news/html-vs-jsx-whats-the-difference/>

1. What is Functional Components?

* <https://www.freecodecamp.org/news/react-components-jsx-props-for-beginners/>
* <https://ghost.codersera.com/blog/react-functional-components/>

1. Props in ReactJs

* <https://www.simplilearn.com/what-is-reactjs-props-article#:~:text=In%20ReactJS%2C%20the%20props%20are,components%20are%20read%2Donly%20components>

1. What is props?

* <https://builtin.com/articles/react-props>

1. What is Config-Driven UI?

* <https://portal.gitnation.org/contents/config-driven-ui-using-reactjs>

1. What is Cloudinary?

* <https://www.javatpoint.com/cloudinary>

1. Why to use key in map function?

* <https://www.telerik.com/blogs/beginners-guide-loops-in-react-jsx#:~:text=However%2C%20if%20you%20check%20the,changed%2C%20added%2C%20or%20removed>
* <https://blog.anja-stricker.de/why-using-index-as-key-in-reactjs-map-function-can-cause-problems-and-how-to-fix-them>

1. Why not to use index as key in Map

* <https://www.linkedin.com/pulse/why-we-should-use-index-key-react-sohil-lalakiya/>
* <https://robinpokorny.com/blog/index-as-a-key-is-an-anti-pattern/>

1. What is Hook in React?

* Find answer on your own.

1. What is useState Hook?

* <https://blog.logrocket.com/guide-usestate-react/>
* <https://www.freecodecamp.org/news/usestate-hook-3-different-examples/>

1. What is React Fiber Architecture?
   1. Introduction
   2. What is reconciliation?
   3. Reconciliation versus rendering
   4. Scheduling
   5. What is a Fiber?
   6. Structure of a Fiber(type & key, Child & Sibling, return, pendingProps & memoizedProps, pendingWorkPriority)

* <https://github.com/acdlite/react-fiber-architecture?tab=readme-ov-file>

1. What is monolith and microservice Architecture?

* <https://www.atlassian.com/microservices/microservices-architecture/microservices-vs-monolith#:~:text=A%20monolithic%20application%20is%20built,on%20a%20number%20of%20factors>

1. What is useEffect Hook in React JS?

* <https://www.freecodecamp.org/news/react-useeffect-absolute-beginners/>

1. What is CORS?

* <https://portswigger.net/web-security/cors>
* <https://requestly.com/blog/what-is-cors-and-how-to-bypass-it/>

1. What is Shimmer UI

* <https://medium.com/lattice-what-is/shimmer-ui-a-better-way-to-show-loading-states-aa1f4e563d17>
* <https://medium.com/@gunjanj016/shimmer-ui-add-wow-factor-in-your-next-app-ebaffa1e9b59>

1. What is Conditional Rendering?

* <https://www.geeksforgeeks.org/reactjs-conditional-rendering/>

1. Why to use useState instead of Just Variable?

* <https://www.linkedin.com/pulse/react-why-do-we-need-state-variable-when-have-local-sohil-lalakiya/>
* <https://stackoverflow.com/questions/58252454/react-hooks-using-usestate-vs-just-variables>

1. Why do we use "const" for useState instead of "let"?

* <https://www.reddit.com/r/reactjs/comments/y7ah2e/why_do_we_use_const_for_usestate_instead_of_let/>

1. What is Optional Chaining?

* <https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Optional_chaining>
* <https://javascript.info/optional-chaining>

1. What is short circuits in Js?

* <https://dillionmegida.com/p/short-circuit-in-programming-simplified/>
* <https://www.freecodecamp.org/news/short-circuiting-in-javascript/#:~:text=and%20logical%20operations.-,What%20is%20Short%2DCircuiting%20in%20JavaScript%3F,evaluating%20the%20first%20operand%20alone>.

1. **What is react-router-dom ?**

* <https://reactrouter.com/en/main/start/tutorial>
* <https://www.geeksforgeeks.org/what-is-react-router-dom/>

1. What is Outlet in react-router-dom?

* <https://stackoverflow.com/questions/73573071/react-router-what-is-the-purpose-of-using-outlet-alone-without-context>

1. What is Server-Side Routing vs. Client-Side Routing?

* <https://www.telerik.com/blogs/server-side-routing-vs-client-side-routing>
* <https://www.telerik.com/blogs/what-is-react-router-what-is-react-location#:~:text=Unlike%20server%2Dside%20routing%2C%20client,even%20when%20the%20URL%20changes>

1. What is Dynamic Routing in ReactJs?

* <https://www.dhiwise.com/post/dynamic-routing-for-building-flexible-and-scalable-react-apps>

1. useParam Hook in react-router-dom

* [**https://medium.com/@stheodorejohn/useparams-hook-in-react-router-a-real-world-example-493848f7b7**](https://medium.com/@stheodorejohn/useparams-hook-in-react-router-a-real-world-example-493848f7b7)
* [**https://blog.stackademic.com/practical-steps-on-how-to-apply-the-useparams-hook-of-react-router-5cd43a2106b2**](https://blog.stackademic.com/practical-steps-on-how-to-apply-the-useparams-hook-of-react-router-5cd43a2106b2)

1. What is Class Based Component?

* <https://www.naukri.com/code360/library/class-components-in-react>

1. Get all info about Class component and its methods
2. What is the purpose of using super constructor with props argument in React?

* <https://dev.to/codeofrelevancy/what-is-the-purpose-of-using-super-constructor-with-props-argument-in-react-2ea3>
* <https://www.dhiwise.com/post/the-complete-guide-to-using-react-super-keyword-effectively>

1. Why do we write super props and constructor props?
2. Async componentDidMount()
3. Why we cannot use async in useEffect() callback function ?

**TERMINAL Package Commands**

* **npm init**
* **npm install -D parcel**
* **npm install react**
* **npm install react-dom**
* **npm i react-router-dom**
* npm install -D tailwindcss postcss