

## Assignment - 5

1) Explain Link, Route, BrowserRouter, withRouter

`<Link>` is a composite component & it renders an anchor element on the DOM.

Router is used to define multiple routes in the application. When a user types a specific URL into the browser, & if this URL path matches any 'route' inside the router file, the user will be redirected to the particular route.

BrowserRouter is a router implementation that uses the HTML5 history API to keep UI in sync with the URL. It is the parent component i.e. used to store all the other components.

WithRouter is a higher order component that will pass closest route's match, current location, & history props to the wrapped component whenever it renders.



3) Explain import and export.

Import is possible only if the module named properly to be imported has been exported in its declaration. In React we use the keyword `export` to export a particular module as a named parameter or a combination.

5) What is Webpack?

Webpack is a popular module bundling system built on top of Node.js. It can handle not only combination & minimification of JS & CSS files, but also other assets such as image files through the use of plugins.