Project Start

Two ways to create react app

1. Create React App

2. Vite

Vite is 10 to 100 times faster than JS based bundlers. It is created in Go language.

Create React App is a bundle based dev server. Slower than Vite.

React

**1. JSX (JavaScript XML)**

* JSX lets us write HTML like markup inside JS file
* Need to wrap all the elements in a single tag before returning
* Every piece of UI is a component in react
* We can use props to send information inside a component. It is unidirectional.
* We can use **useState**, a react hook which lets us add a state variable to our component
* When an event handler updates the state of a component, it triggers a re-render of the component and it’s children
* The **useEffect** hook is used to perform side effects in components. For example, fetching data

2. **Vit**

* Npm create vite@latest to create an app

Props vs UseSTate

* We can not change the values of props
* We can change the values of States]