**React Installation**

1. Next.js is a framework of react and react is promoting to shift there for production purposes.

2. Now we can not setup react like old times. Now have to use VITE, a powerful tool to install react.

3. Installation steps:



**React facts**

1. React is a javascript object
2. React creates a separate dom which is known as virtual DOM
3. JSX simplifies react. Like:

const element = React.createElement("div", null,

[React.createElement("p",null, "hello world"),

React.createElement("p",null, "hello world"),

React.createElement("p",null, "hello world")]);

Simplified:

<div> <p> hello world </p> <p> hello world </p> <p> hello world </p> </div>

1. Babel transpiles XML into Javascript
2. State is an important thing in React that helps to simplify process through state variable.
3. State is an array of var and function. So, in [var, function], function helps to update the value of var