**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