

MODULE 9 - REACT JS

what is react js : react is a java script library its work von virtual dom.

what is NPM in react js : NPM:- node package manager it use for install or generate ,from node packages.

what is Role of node js in react js : is a most popular platform for hosting & running web server,also we can install pakcage using npm

what is CLI command id react js : CLI: command line-interface ,we crite an commad for inatsall pakages or create rect app that line known as CLI

what is components in react js: components are independed & reusable bits code , its a combitination of html & scripts , two types of components : 1> class componenets 2> function component

what is header & content component in react js : header commpomnents containt the header section of web site like nav,head,logo ,menu & content component contain body ,footer section

how to install react js on window ,linux operating system? ? how to install npm & chack version of npm : using CLI :- npm create-react-app npm i -gnpm@10.1.0 npm -v npm

how to check version of react js : using CLI : npm -v react or check it mannually in package.json/ dependencies

how to change in components in react js : by using state & setstate

how to create list view in react js :

const x=0; const hi= ()=>{ const arr = [usearray.map,not a for loop , give eaach a unique key ,avoid using array index]

return (<> {arr.map((v)=> return (<> <div key=x++><input type='checkbox'/>v</div></>)} </>)} export default hi

create increment decrement state change by button click

```
import react , {useState} from 'react' export const num = ()=>{ const [number,setnum]= useState(0) const increment=()=>{ setnum(number+1) } const decrement=()=>{ setnum(number-1) } return ( <> <button onClick={increment}>increment </button> <h1>{number}</h1> <button onClick={decrement}>decrement </button> </> )}
```