React Js

1 . What is React Js?

React is a JavaScript library for building user interfaces. React is used to build single-page applications. React allows us to create reusable UI components.

2. What is NPM in React Js?

NPM is short for node package manager, an online directory that contains the various already registered open-source packages. NPM modules consume the various functions as a third-party package when installed into an app using the NPM command npm install .

3 . What is Role of Node Js in react Js?

Node is the most popular platform for hosting and running web servers for React apps.

4. What is CLI command In React Js?

The CLI will be used to create a Node. js microservice project. It will be similar to how the create-react-app works in that you can run it using npx or just install it as a global package.

5. What is Components in React Js?

Components are independent and reusable bits of code. They serve the same purpose as JavaScript functions, but work in isolation and return HTML.

6. What is Header and Content Components in React Js?

In head tag we by using jumbo tron , nav , or title etc, are the header components & other details of website written after that header section which include footer ,functions,other js file that known as content component.

7. How to install React Js on Windows, linux Operating System? How to install NPM and How to check version of NPM?

Install React in Window : npm install -g create-react-app

Install React in Linux : sudo npm -g install create-react-app

Install NPM : Download Node.js and NPM from Browser and Install NPM.

Check Version NPM : npm -v

8 . How to check version of React Js?

To check which React version is your project using you need to open the package. json. Take a look under the dependencies section.

Command : npm view react version

9. How to change in components of React Js?

Updatestate, Props, Conditional rendarering, lifecycle method(Class Component)

10. How to Create a List View in React Js?

import './list.css';

import { dt } from './data';

function List(){

const fetchdata=()=>{

{

let htm="";

dt.map((v)=>{

htm=htm+

`<div">

<p">${v.name}<p/>

</div>`

});

document.getElementById("d").innerHTML=htm;

}

}

return(

<>

<button onClick={fetchdata}>print</button>

<div id='d'></div>

</>

)

}

export default List;

export const dt=[

{

"name":"Use Array.map"

},

{

"name":"Not a for loop"

},

{

"name":"Give each item a unique key"

},

{

"name":"Avoid using array index as the key"

}

]

11. Create Increment decrement state change by button click?

import React from "react";

class Incre extends React.Component{

//create state

state ={num:0}

inc = ()=>{

// increment number

this.setState({num:this.state.num+1})

}

dec = ()=>{

// decrement number

this.setState({num:this.state.num-1})

}

res = ()=>{

// Reset number

this.setState({num:0})

}

render(){

return(

<>

{/\* call icrement function in button click and increment your number\*/}

<button onClick={this.inc}>Increment</button>

{/\* call decrement function in button click and decrement your number\*/}

<button onClick={this.dec}>Decrement</button>

{/\* call Reset function in button click and Reset your number\*/}

<button onClick={this.res}>Reset</button>

{/\* print state value \*/}

<h1>{this.state.num}</h1>

</>

)

}

}

export default Incre;