Q.No: 1

**1. How to set state in React for class component? write the complete code (maximum 3 minutes only allowed)**

Answer:

class Counter extends React.Component {

state = {

count: 0,

};

handleClick() {

this.setState({

count: this.state.count + 1,

});

}

render() {

return (

<div>

<p>The count is {this.state.count}</p>

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

</div>

);

}

}

Q.No: 2

**2. How to set state in React for functional component? write the complete code (maximum 3 minutes only allowed)**

Answer:

import React, { useState } from 'react';

function Example() {

// Declare a new state variable, which we'll call "count"

const [count, setCount] = useState(0);

return (

<div>

<p>Current count: {count}</p>

<button onClick={() => setCount(count + 1)}>

Increment

</button>

</div>

);

}

Q.No: 3

**3. How to pass props from parent to child in React? write the complete code (maximum 3 minutes only allowed)**

Answer:

class ParentComponent extends React.Component {

render() {

return (

<ChildComponent message="Hello from parent" />

);

}

}

class ChildComponent extends React.Component {

render() {

return (

<div>

<h1>{this.props.message}</h1>

</div>

);

}

}

Q.No: 4

**4. how do you connect store in redux? write the complete code (maximum 2 minutes only allowed)**

Answer:

import React from 'react';

import { connect } from 'react-redux';

const MyComponent = ({ state, dispatch }) => {

// ...

};

const mapStateToProps = state => ({

state: state,

});

const mapDispatchToProps = dispatch => ({

dispatch: dispatch,

});

export default connect(mapStateToProps, mapDispatchToProps)(MyComponent);

Q.No: 5

**5. what is the output for the below one in ES6 if we run in browser? (Maximum 2 minutes only allowed)**

**[...'apple']**

Answer:

o/p: a,p,p,l,e

Q.No: 6

**6. Write one simple example for rest operator in ES6?**

Answer:

function sum(...args) {

let sum = 0;

for (let arg of args) sum += arg;

return sum;

}

let x = sum(1, 2, 3, 4);

console.log("sum is ",x);

Q.No: 7

**7. Write one simple code for Promise in ES6? (maximum 5 minutes only allowed)**

Answer:

let myPromise = new Promise(function(myResolve, myReject) {

let x = 0;

// some code (try to change x to 5)

if (x == 0) {

myResolve("OK");

} else {

myReject("Error");

}

});

myPromise.then(

function(value) {alert(value);},

function(error) {alert(error);}

);