import  React, { Component } from 'react';

export default class Demo extends React.Component

{

  render()

  {

    return (

<h1> Hello {this.props.name} 77777777777777 </h1>

    );

  }

}

import  React, { Component } from 'react';

export default class Demo extends React.Component

{

  render()

  {

    return (

<h1> Hello {this.props.address} {this.props.name} 77777777777777 </h1>

    );

  }

}

Demo.defaultProps=

{

  address:"delih"

}

Can render class com like this

const  elee= <Demo name="ppp"/>;

{elee}

Constructor in Class Component

import React, { Component } from 'react';

class App extends Component {

constructor(props) {

// Calling super class constructor

super(props);

// Creating state

this.state = {

data: 'My name is User'

}

// Binding event handler

this.handleEvent = this.handleEvent.bind(this);

}

handleEvent() {

console.log(this.props);

}

render() {

return (

<div >

<input type="text" value={this.state.data} />

<br></br> <br></br>

<button onClick={this.handleEvent}>Please Click</button>

</div>

);

}

}

export default App;

Default Properties

import React, { Component } from 'react';

class App extends Component {

render() {

return (

<div >

<Person name="kapil" eyeColor="blue" age="23"></Person>

<Person name="Sachin" eyeColor="blue" ></Person>

<Person name="Nikhil" age="23"></Person>

<Person eyeColor="green" age="23"></Person>

</div>

);

}

}

class Person extends Component {

render() {

return (

<div>

<p> Name: {this.props.name} </p>

<p>EyeColor: {this.props.eyeColor}</p>

<p>Age : {this.props.age} </p>

</div>

)

}

}

Person.defaultProps = {

name: "Rahul",

eyeColor: "deepblue",

age: "45"

}

export default App;

Child & Parent Components

function Avatar(props) {

  return (

    <div>inside Avarar

      {props.user.name}

    <img className="Avatar"

      src={props.user.avatarUrl}

      alt={props.user.name}

    />

    </div>

  );

}

function UserInfo(props) {

  return (

    <div className="UserInfo">

      Inside UserInfo

      {props.user.name}

      <Avatar user={props.user} />

      <div className="UserInfo-name">

      <b>  {props.user.name} </b>

      </div>

    </div>

  );

}

export default function Comment(props) {

  return (

    <div className="Comment">

      {props.author.name}

      Author is : <UserInfo user={props.author} />

      <div className="Comment-text">

        {props.text}

      </div>

      <div className="Comment-date">

        {props.date}

      </div>

    </div>

  );

}

var author = {"name":"Ajay" ,

"avatarUrl" :"/images/logo.svg"};

const root = ReactDOM.createRoot(document.getElementById('root'));

root.render(

  <React.StrictMode>

<Comment text="teaxt111111" date="12/12/2022" author={author}/>