REACT – The complete guide - Maximilian

React is a library for creating highly reactive and superfast js based web applications.

JS runs in the browser.

React is a JS library for building user interfaces

React is writing custom HTML elements

React is all about writing components

Codepen.io – to create a workspace for writing html/css/js code

ReactDOM is for rendering the components to real DOM

In its basic form, a React component is just a function.

The syntax React uses is called jsx.

Html --

<div id="p1"> </div>

<div class="person">

<h1> Hello </h1>

<p> age: 29 </o>

</div>

<div id='p2'> <h3> Romeo </h3> </div>

--

Css –

.person {

color: red

}

---

Js –

function Person(){

return (

<div class=”person”>

<h1> Max </h1>

<p> Your age: 28 </p>

</div>

);

}

ReactDOM.render(<Person />, document.querySelector('#p1'));

Output:

# Max

Your age: 28

# Hello

age: 29

### Romeo

Html –

<div id="p1"> </div>

<div class="person">

<h1> Hello </h1>

<p> age: 29 </o>

</div>

<div id='p2'> <h3> Romeo </h3> </div>

--

Css --

.person {

color: red

}

.person1 {

color: green

}

--

function Person(props){

return (

<div class="person1" >

<h1> {props.name} </h1>

<p> {props.age} </p>

</div>

);

}

ReactDOM.render(<Person name="Jaison" age="45" />, document.querySelector('#p1'));

---

# Jaison

45

# Hello

age: 29

### Romeo

Html –

<div id='app'</div>

--

Css –

.person {

color: red

}

.person1 {

color: orange

}

---

function Person(props){

return (

<div class="person1" >

<h1> {props.name} </h1>

<p> {props.age} </p>

</div>

);

}

var app = (<div> <Person name="Jaison" age="45" /><Person name="Sonia" age="39" /> </div>)

ReactDOM.render(app, document.querySelector('#app'));

---

Output:

# Jaison

45

# Sonia

39

In 3 ways, the component is written. 1) by function and render. 2) by function with parameter and render with argument. 3) create function with parameter and define the property, declare variable with function property definition, render with variable. With this approach, can create single page applications.

Jiji