

09-01-2024

ReactJs

MERN

M - MongoDB

Sql                      No sql

Mysql                  MongoDB , firebase

Oracle

E - Express.js backend

R - React.Js ( FrontEnd )

N - NodeJs ( BackEnd )

React.js

React.js is a library of JavaScript. It is developed by Facebook. It was developed by Jordan Walke 2013.

Feature of react.js

1. React.js is a single page application.
2. High security.
3. Component based.
4. Pre-build structure.

How to use Reactjs

1. Install node.js <https://nodejs.org/en/download/>
2. How to check node js install or not ( open cmd and type node -v )
3. Install reactjs globally ( open cmd and type npm i / install -g create-react-app )
4. Install reactjs project ( npx create-react-app appName )  
Note no any space and capital letter in app name but you can use underscore or hyphen

npx create-react-app first

Meeting id

<https://meet.goto.com/699868909>

## How to start your project.

npm start

### Components

#### 1. Functional component

##### a. Normal function

Syntax:

```
function funName(){  
    Code here –  
}
```

1. Function declaration ( FunName )

2. Function definition

3. Function calling

Note first letter of the function will always be capital letter.

```
import React from 'react';  
import './App.css';  
  
function App() {  
    return (  
        <div className="App">  
            <First />  
        </div>  
    );  
}  
  
function First(){  
    return(  
        <div>  
            <h1>Hello ReactJs</h1>  
        </div>  
    )  
}  
  
export default App;
```

**Create 10 diff components and print messages.**

**Personal information**

**Create a table and print 10 student records.**

**Create a form**

**Create list tag and print rules and regulations**

**Create marquee tags and print notices.**

b. Arrow function

Syntax:

```
const funName = () =>{
```

Code here—

```
}
```

2. Class component

```
Function abc(){
```

```
Function cde(){
```

```
}
```

```
}
```

```
Class a {
```

```
Function a(){
```

```
}
```

```
Function a(){
```

```
}
```

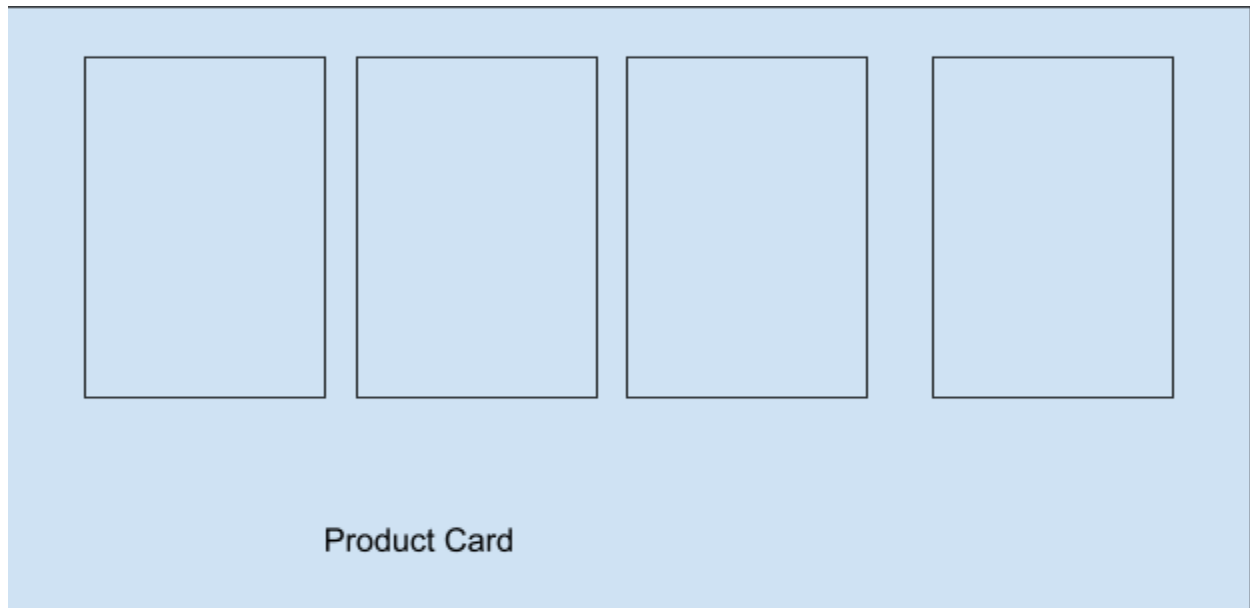
```
}
```

Core language

Framework language

Library language

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Functional component

Internal function

Create a folder in src

Create a file with .jsx extension

File name first letter of the file will always capital.

File name and function name will same.

```
<>  
  
</>
```

React fragment.

- **Create 10 external components and print any message.**

First.jsx

```
import React from "react";
```

```
const First = () =>{
  return(
    <>
      <h1>Hello From External Components</h1>
    </>
  )
}

const Second = () =>{
  return(
    <>
      <h1>Hello Second</h1>
    </>
  )
}

export {First, Second}
```

## App.js

```
import React from 'react';
import {First, Second} from './components/First';

function App() {
  return (
    <div className="App">
      <First />
      <Second />
    </div>
  );
}

export default App;
```

## Components

Type of components

Internal component

External component

Default

Class components.

```
import React from "react";

class First extends React.Component {
  render() {
    return(
      <>
        <h1>jhfhjnmj</h1>
      </>
    )
  }
}

export default First
```

Css

1. Inline css

```
import React from "react";

const First = () => {
  return(
    <>
      <h1 style={{color:'red', backgroundColor:'green',
textAlign:'center'}}>Hello From React Components</h1>
    </>
  )
}

export default First
```

## 2. Internal css

```
import React from "react";

const cssStyle = {
  color: 'red',
  backgroundColor: 'pink',
  fontFamily: 'sans-serif'
}

const First = () => {
  return(
    <>
      <h1 style={cssStyle}>Hello From React Components</h1>
    </>
  )
}

export default First
```

## 3. External

1. Diff between normal function and arrow function.
2. Functional and class components.
3. Diff. between .js and .jsx

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Feedback

ENQUIRY

TAKE TEST EXAM

Online Exam Panel

WHAT IS

Online Exam Panel


Online exam panel is a web-based tool that enables teachers or corporate trainers to create exams over the internet. Learners & students can access these exams, on the go, from their laptops, tablets and even smartphones making anytime, anywhere learning possible. Using the software, instructors can create online exams, schedule tests and automate reports eliminating manual grading of papers. Some exclusive features are following:

→ Advance Question Management System.

→ Live Classroom Facility for e-Learners.

→ Real-time Exam Monitoring Facility with online assesment.

→ ItOnline Revenue Collection System.



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