

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(){
```

```
    }
```

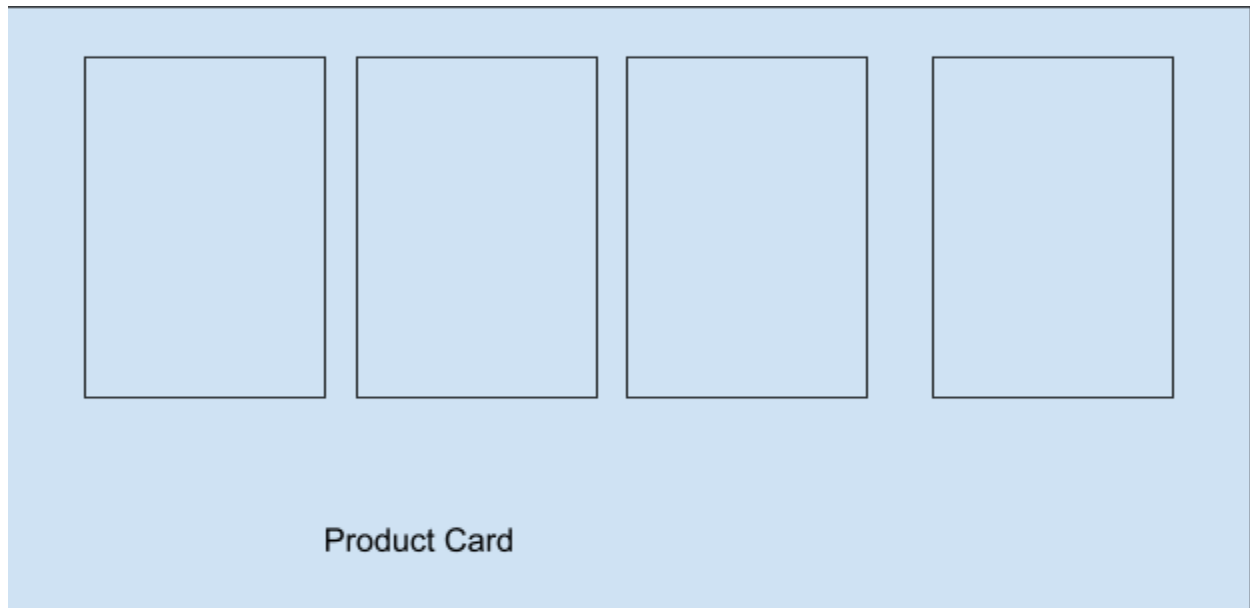
```
}
```

Core language

Framework language

Library language

11-01-2024



11-01-2023

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

User AdminOnline Test || Admin

internships.org.in/student.ardent\_online\_test\_app/index.php

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GAMIFIED ONLINE APP

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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13:12  
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→ ItOnline Revenue Collection System.



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Student Online Test Panel

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✉ training@ardentcollaborations.com

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16-01-2024

## 1. Bootstrap

How to use bootstrap

Link cdn with your application.

```
import React from 'react';

const Boots = () =>{
  return(
    <>
      <div className='container-fluid'>
        <div className='row'>
          <div className='col-lg-1 col-md-6 col-sm-12
first'></div>
          <div className='col-lg-1 col-md-6 col-sm-12
sec'></div>
          <div className='col-lg-1 col-md-6 col-sm-12
first'></div>
          <div className='col-lg-1 col-md-6 col-sm-12
sec'></div>
          <div className='col-lg-1 col-md-6 col-sm-12
first'></div>
          <div className='col-lg-1 col-md-6 col-sm-12
sec'></div>
          <div className='col-lg-1 col-md-6 col-sm-12
first'></div>
          <div className='col-lg-1 col-md-6 col-sm-12
sec'></div>
          <div className='col-lg-1 col-md-6 col-sm-12
first'></div>
          <div className='col-lg-1 col-md-6 col-sm-12
sec'></div>
          <div className='col-lg-1 col-md-6 col-sm-12
first'></div>
          <div className='col-lg-1 col-md-6 col-sm-12
sec'></div>
        </div>
      </div>
    </>
  )
}
```

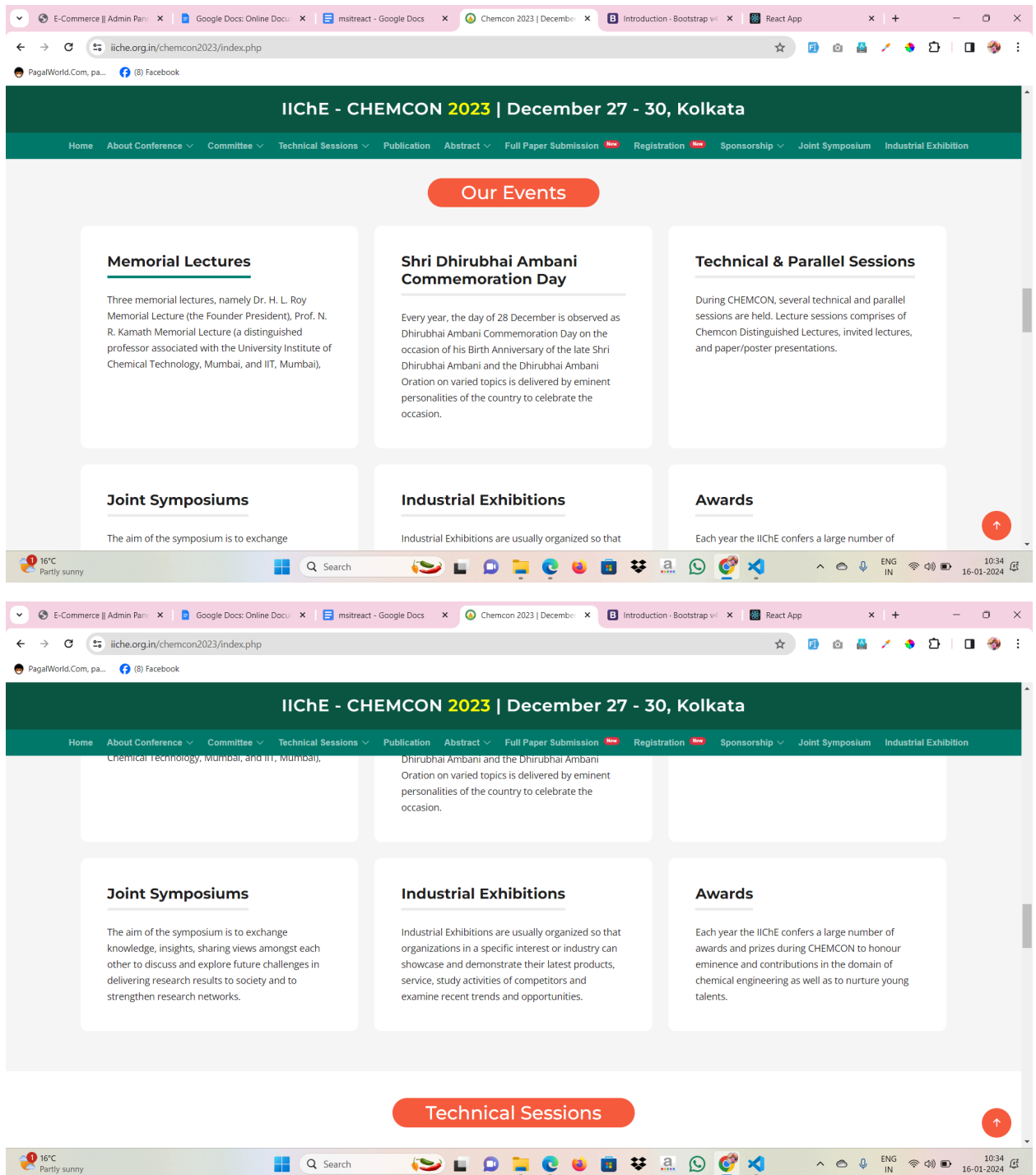
```
        </div>
      </div>
    </>
  )
}

export default Boots
```

```
import React from 'react';
import './App.css';
import Boots from './components/Boots';

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

export default App;
```



## 2. Router

### How to use router

- Install ( `npm install react-router-dom` )
- Import and use.

```

import React from "react";
import { NavLink } from "react-router-dom";

const Menu = () =>{
  return(
    <>
      <div className="container-fluid">
        <div className="row">
          <div className="col-12 menu">
            <nav>
              <ul>
                <li><NavLink to={'/'}>
className={'name'}>Home</NavLink></li>
                <li><NavLink to={'/About'}>
className={'name'}>About Us</NavLink></li>
                <li><NavLink to={' '}>
className={'name'}>Gallery</NavLink></li>
                <li><NavLink to={' '}>
className={'name'}>Rules & Regulation</NavLink></li>
                <li><NavLink to={' '}>
className={'name'}>Admission</NavLink></li>
                <li><NavLink to={' '}>
className={'name'}>Contact Us</NavLink></li>
              </ul>
            </nav>
          </div>
        </div>
      </div>
    </>
  )
}

export default Menu

```

```

import React from 'react';
import './App.css';
import { BrowserRouter, Routes, Route } from 'react-router-dom';
import Menu from './components/Menu';
import About from './components/About';

```

```

function App() {
  return (
    <div className="App">
      <BrowserRouter>
        <Routes>
          <Route exact path="/" element={<Menu />}></Route>
          <Route exact path="/About" element={<About />}></Route>
        </Routes>
      </BrowserRouter>
    </div>
  );
}

export default App;

```

## Css

```

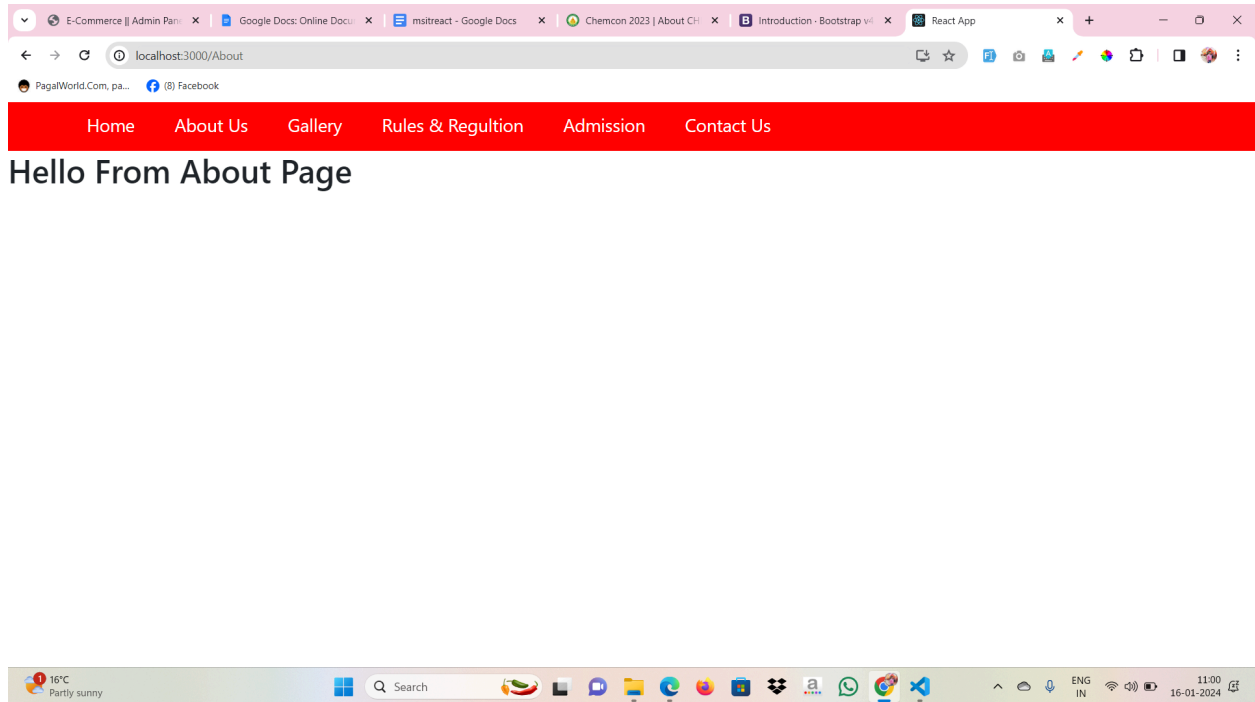
body{
  margin: 0px;
  padding: 0px;
}
.menu{
  height: 60px;
  background-color: red;
  padding-top: 11px;
}
.menu nav ul li{
  display: inline-block;
}
.menu nav ul li .name{
  color: #fff;
  text-decoration: none;
  font-size: 22px;
  margin-left: 35px;
  padding: 3px 7px;
}

```

```
}  
.menu nav ul li .name:hover{  
  color: red;  
  background-color: #fff;  
  transition: all 2s;  
}
```

## About.jsx

```
import React from "react";  
import Menu from "../Menu";  
  
const About = () =>{  
  return(  
    <>  
      <Menu />  
      <h1>Hello From About Page</h1>  
    </>  
  )  
}  
  
export default About
```



18-01-2024  
Project

1. Cricket events.
2. College to college communication.
3. E-commerce.
4. CHATBOT.
5. Employee management system.
6. CALL CENTER MANAGEMENT.
7. ONLINE EDUCATION.
8. ONLINE CRIME FILE MANAGEMENT SYSTEM
9. Online voting system.
10. Online job portal
11. NET BANKING SYSTEM
12. PATIENT SMART CARD
13. DOCTOR PATIENT TRACKER PORTAL

## 14. TRAVEL AND TOURISM APP

### Props

Props is a method to transfer one component data to another component ( parent to child ) .

Prop.jsx

```
import React from 'react';

const Prop = (kajal) =>{
  return(
    <>
      <h1>{kajal.name}</h1>
    </>
  )
}

export default Prop
```

App.js

```
import React from 'react';
import './App.css';
import Prop from './components/Prop';

function App() {
  return (
    <div className="App">
      <Prop
        name = 'Hello From Props'
      />
    </div>
  );
}

export default App;
```



## App.js

```
import React from 'react';
import './App.css';
import Prop from './components/Prop';

function App() {
  return (
    <div className="App">
      <div className='title'>
        <h1 className='text-center'>All Netflix Series Download From
Here </h1>
      </div>
      <div className='container'>
        <div className='row'>
          <div className='col-12 col-md-3 m-0 p-0'>
            <Prop
              img = 'img/net1.jpeg'
              name = 'Animal'
              desc = 'This Is Bollywood Moview'
              btn = 'Watch Now'
              url = ''
            />
          </div>
          <div className='col-12 col-md-3 m-0 p-0'>
            <Prop
              img = 'img/net2.jpeg'
              name = 'Animal'
              desc = 'This Is Bollywood Moview'
              btn = 'Watch Now'
              url = ''
            />
          </div>
          <div className='col-12 col-md-3 m-0 p-0'>
            <Prop
              img = 'img/net3.jpeg'
              name = 'Animal'
              desc = 'This Is Bollywood Moview'
              btn = 'Watch Now'
              url = ''
            />
          </div>
        </div>
      </div>
    </div>
  );
}
```

```
        </div>
        <div className='col-12 col-md-3 m-0 p-0'>
            <Prop
                img = 'img/net4.jpeg'
                name = 'Animal'
                desc = 'This Is Bollywood Moview'
                btn = 'Watch Now'
                url = ''
            />
        </div>
    </div>

    <div className='row mb-5'>
        <div className='col-12 col-md-3 m-0 p-0'>
            <Prop
                img = 'img/net5.jpeg'
                name = 'Animal'
                desc = 'This Is Bollywood Moview'
                btn = 'Watch Now'
                url = ''
            />
        </div>
        <div className='col-12 col-md-3 m-0 p-0'>
            <Prop
                img = 'img/net6.jpeg'
                name = 'Animal'
                desc = 'This Is Bollywood Moview'
                btn = 'Watch Now'
                url = ''
            />
        </div>
        <div className='col-12 col-md-3 m-0 p-0'>
            <Prop
                img = 'img/net7.jpeg'
                name = 'Animal'
                desc = 'This Is Bollywood Moview'
                btn = 'Watch Now'
                url = ''
            />
        </div>
    </div>
```

```

        <div className='col-12 col-md-3 m-0 p-0'>
            <Prop
                img = 'img/net8.jpeg'
                name = 'Animal'
                desc = 'This Is Bollywood Moview'
                btn = 'Watch Now'
                url = ''
            />
        </div>
    </div>
</div>
</div>
);
}

export default App;

```

## Index.css

```

body{
    margin: 0px;
    padding: 0px;
    background-color: #EEE;
}

.title{
    height: 100px;
    width: 100%;
    background-color: #fff;
    box-shadow: rgba(50, 50, 93, 0.25) 0px 13px 27px -5px, rgba(0, 0, 0,
0.3) 0px 8px 16px -8px;
}

.title h1{
    padding-top: 22px;
    font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS',
sans-serif;
}

.card1{
    height: 350px;
    background-color: #fff;
}

```

```

    border-radius: 5px;
    box-shadow: rgba(100, 100, 111, 0.2) 0px 7px 29px 0px;
  }
  .card1 img{
    border-radius: 5px 5px 0px 0px;
  }
  .card1 h3{
    font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS',
sans-serif;
    padding: 15px 10px 0px 20px;
  }
  .card1 span{
    font-size: 18px;
    font-weight: 500;
    display: block;
    padding-left: 20px;
  }
  .card1 .btn{
    display: block;
    text-align: center;
  }
  .card1 .btn button{
    margin-top: 15px;
    border: none;
    padding: 8px 35px;
    background-color: #FF004D;
    color: #fff;
    border-radius: 5px;
  }

```

## Prop.jsx

```

import React from "react";

const Prop = ({img,name,desc,btn,url}) =>{
  return(
    <>
      <div className="container mt-5">
        <div className="row">
          <div className="col-12">
            <div className="card1">

```



```
const Array = [  
  {  
    id:1,  
    name:'Kishan',  
    status:'A'  
  },  
  {  
    id:2,  
    name:'Rohit',  
    status:'B'  
  },  
  {  
    id:3,  
    name:'Pankaj',  
    status:'C'  
  }  
]  
  
export default Array
```

```
import React, { useState } from "react";  
import Array from "../Array";  
  
const ArrayPrint = () =>{  
  
  const[data] = useState(Array)  
  
  return(  
    <>  
      {  
        data.map((elem) =>{  
          const {id,name,status} = elem  
          return(  
            <h5>`Id Is ${id} Name Is ${name} Status Is  
${status}`</h5>  
          )  
        })  
      }  
    )  
  )  
}
```

```
        </>
    )
}

export default ArrayPrint
```

```
import React from 'react';
import './App.css';
import ArrayPrint from './components/ArrayPrint';

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

export default App;
```


Google Docs: Online Document xFIEM - Google Docs xFIEM Website xColor Palettes for Designers and ChatGPT x

localhost:3000

PagalWorld.Com, pa... (8) Facebook

Food Item Menu

All FoodFast FoodBreak FastLunchDinnerVeg FoodNon Veg FoodTeaCoffee




Burger

Fast Food

Price : 150

Order Now




Sandwich

Fast Food

Price : 100

Order Now




Puri Sabji

Break Fast

Price : 50

Order Now




Paratha Thali

Break Fast

Price : 75

Order Now




Full Thali

Lunch

Price : 100

Order Now




Dhosh Thali

Lunch

Price : 100

Order Now




Dhosh

Dinner

Price : 170

Order Now




Rice

Dinner

Price : 150

Order Now




Darjelling Tea

Tea

Price : 250

Order Now




Red Tea

Tea

Price : 160

Order Now




Capichino

Coffee

Price : 450

Order Now



Black Coffee


















Coffee

Price : 350

Order Now

22°C Haze

Search



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