
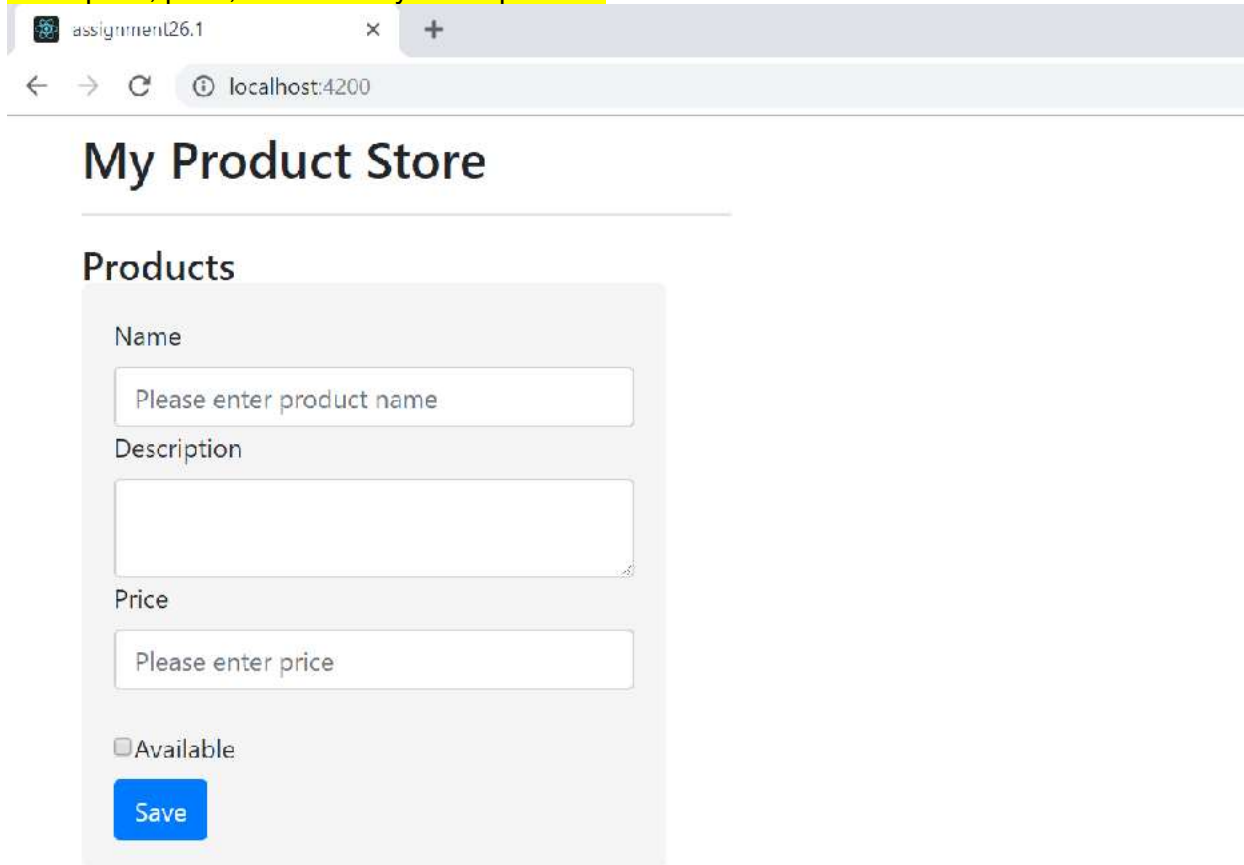


```
PS C:\Acadgild_fswd_21april\day26-aug11\assignment> npm install -g create-react-app
C:\Users\Pradeep K\AppData\Roaming\npm\create-react-app -> C:\Users\Pradeep K\AppData\Roaming\npm\node_modules\create-react-app\index.js
+ create-react-app@1.5.2
updated 2 packages in 13.803s
PS C:\Acadgild_fswd_21april\day26-aug11\assignment>
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 1: node +   
  
Compiled successfully!  
  
You can now view assignment26.1 in the browser.  
  
http://localhost:4200/  
  
Note that the development build is not optimized.  
To create a production build, use npm run build.
```

Create a React Application.

The application should have a form to enter product details, which contains product name, description, price, is availability of the product.



The screenshot shows a web browser window with the address bar displaying 'localhost:4200'. The page title is 'My Product Store'. Below the title, there is a section titled 'Products'. Inside this section, there is a form with the following fields:

- Name:** A text input field with the placeholder text 'Please enter product name'.
- Description:** A text area with the placeholder text 'Please enter product description'.
- Price:** A text input field with the placeholder text 'Please enter price'.
- Available:** A checkbox labeled 'Available'.
- Save:** A blue button labeled 'Save'.

While user enters form details, the data's should be displayed in the right hand side of the form and it should be implemented with two-way bindings.

```
};  
this.addItem = this.addItem.bind(this);  
}
```

LEARNING JAVASCRIPT DATA STRUCTURES AND ALGORITHMS

Understand common data structures and the associated algorithms, as well as the context they are used.

Available? Yes

Price: ₹898.00

LG 7.0 KG SEMI-AUTOMATIC TOP LOADING WASHING MACHINE

Semi-automatic top-loading washing machine

Available? Yes

Price: ₹12,500.00

On successfully submitting the form, the data should be pushed into the table using Unshift Method().

```
26     this.setState((prevState) => {  
27         return{  
28             //items: prevState.items.concat(newItem)  
29             items: prevState.items.unshift(newItem)  
30         };  
31     })
```



assignment26.1



localhost:4200

Something went wrong

Make use of React Fragments.

```
return(  
  /* Fragment is used to group a list of children without adding extra nodes to  
  the DOM */  
  <ul className="lst">  
    <React.Fragment>  
      {listItems}  
    </React.Fragment>  
  </ul>  
>);  
}  
};
```

Create a component with error boundaries.

JS ErrorBoundary.js x

```
1 import React from "react";
2
3 export default class ErrorBoundary extends React.Component{
4   constructor(props){
5     super(props);
6     this.state = { hasError: false };
7   }
8   componentDidCatch(error, info){
9     // Display fallback UI
10    this.setState({ hasError: true });
11  }
12  render(){
13    if(this.state.hasError){
14      // You can render any custom fallback UI
15      return <h1>Something went wrong</h1>;
16    }
17    return this.props.children;
18  }
19 }
```

JS index.js x

```
1 import React from "react";
2 import ReactDOM from "react-dom";
3 import "./index.css";
4 //import the ProductList component
5 import ProductList from "./ProductList";
6 import ErrorBoundary from "./ErrorBoundary";
7
8 var destination = document.querySelector("#container");
9 //You can render any custom fallback UI using <ErrorBoundary>
10 ReactDOM.render(<div><ErrorBoundary><ProductList/></ErrorBoundary></div>,
  destination);
```

PS:Put your table in the down section of the form. In the expect output we have put the table in the side section. Follow the assignments bits.

assignment26.1

×

+

← → ↻ ⓘ localhost:4200

My Product Store

Products

Name

Please enter product name

Description

Price

Please enter price

☐ Available

Save

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YONEX VOLTRIC 7DG BADMINTON RACQUET

Yonex voltric 7dg badminton racquet

Available? **Yes**

Price: ₹15,000.00

Woodland

Yellow classic shoes to explore more

Available? **No**

Price: ₹12000.00