**React Assignment:3**

1. Create a sample component to demonstrate react bootstrap components.
2. **import** "bootstrap/dist/css/bootstrap.css";
3. **import** "react-bootstrap-table-next";
4. **import** "bootstrap/dist/css/bootstrap.min.css";
5. **import** React, { Component } **from** "react";
6. **export** **default** *class* BSSamp *extends* Component {
7. constructor(props) {
8. super(props);
9. *this***.**state **=** {
10. num1: null,
11. num2: null,
12. sum: null,
13. };
14. }
15. render() {
16. *return* (
17. <**div**>
18. <**div** *className***=**"container">
19. <**form**>
20. <**h4** *className***=**"title">Number Adder</**h4**>
21. <**input** *className***=**"inputField mb-1" *onChange***=**{*this***.**inputA}></**input**>
22. <**input** *className***=**"inputField mb-1" *onChange***=**{*this***.**inputB}></**input**>
23. <**br** />
24. <**button**
25. *className***=**"btn btn-primary px-3 m-1"
26. *type***=**"button"
27. *onClick***=**{*this***.**add}
28. >
29. Calculate
30. </**button**>
31. <**button** *className***=**"btn btn-warning" *onClick***=**{*this***.**clearBtn}>
32. Clear
33. </**button**>
34. <**div** *className***=**"results">Sum:&**nbsp**;{*this***.**state**.**sum}</**div**>
35. </**form**>
36. </**div**>
37. <**div**></**div**>
38. </**div**>
39. );
40. }
41. inputA **=** (event) *=>* {
42. *this***.**setState({
43. num1: event**.**target**.**value,
44. });
45. };
46. inputB **=** (event) *=>* {
47. *this***.**setState({
48. num2: event**.**target**.**value,
49. });
50. };
51. outputA **=** (event) *=>* {
52. *this***.**setState({
53. sum: event**.**target**.**value,
54. });
55. };
56. add **=** (event) *=>* {
57. *this***.**setState({
58. sum: Number(*this***.**state**.**num1) **+** Number(*this***.**state**.**num2),
59. });
60. console**.**log(*this***.**state**.**sum);
61. };
62. clearBtn **=** () *=>* {
63. *this***.**setState({
64. sum: "",
65. num1: "",
66. num2: "",
67. });
68. };
69. }
70. Complete the below activity to apply bootstrap on a table

==>>How to Show Data Grids with Bootstrap Theming in React with React Bootstrap Table

--Bootstrap is one of the most popular UI frameworks. It provides ready-to-use components that simplify building web applications.

--The Table component in Bootstrap provides beautiful styling for different styles of tables. However, it does not provide additional functionality commonly needed in applications like sorting, filtering, paging, in-cell editing. That's where the React Bootstrap Table comes into play.

--The React Bootstrap Table is the library that provides the Table component that supports Bootstrap theming and has got a rich set of additional features.

npx create-react-app testapp

cd testapp

step 1:

React Bootstrap Table relies on Bootstrap for styling, so we need to install the bootstrap package for the Bootstrap CSS files as well:

# add with npm

npm install bootstrap

# or with yarn

yarn add bootstrap

Adding React Bootstrap Table

We start by adding the React Bootstrap Table to a project:

# add with npm

npm install react-bootstrap-table-next

# or with yarn

yarn add react-bootstrap-table-next

import React from "react";

import "bootstrap/dist/css/bootstrap.css";

import "react-bootstrap-table-next/dist/react-bootstrap-table2.min.css";

import BootstrapTable from "react-bootstrap-table-next";

const products = [

{ id: 0, name: "Item name 0", price: 2100 },

{ id: 1, name: "Item name 1", price: 2101 },

{ id: 2, name: "Item name 2", price: 2102 },

{ id: 3, name: "Item name 3", price: 2103 }

];

const columns = [

{

dataField: "id",

text: "Product ID",

sort: true

},

{

dataField: "name",

text: "Product Name",

sort: true

},

{

dataField: "price",

text: "Product Price"

}

];

export default function BSTable() {

return (

<div className="App">

<BootstrapTable

bootstrap4

keyField="id"

data={products}

columns={columns}

/>

</div>

);

}