**React Assignment:3**

1. Create a sample component to demonstrate react bootstrap components.

import React from "react";

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

export default class SampleBS extends React.Component{

constructor(props){

super(props);

}

render(){

const style={

height: "50px",

webkitBackdropFilter: "blur(10px) saturate(180%)",

backdropFilter: "blur(20px) saturate(180%)",

backgroundColor: "rgba(255, 255, 255, 0.385)",

borderRadius: "15px",

border: "10px"

}

return(

<div>

<div class="row">

<div class="col-12" style={style}>

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<div class="row">

<div class="col-6" style={style}>

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<div class="row">

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);

}

}

1. 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>

);

}