INFOLABZ IT SERVICES PVT. LTD.

1) Create new react project

Name it: reactbootstrap

2) Official React documentation website

Link: https://react-bootstrap.netlify.app/docs/getting-started/introduction

- 3) Open project in visual studio code
- 4) Go to terminal and install react bootstrap

npm install react-bootstrap bootstrap

```
★ File Edit Selection View Go Run …

                                           App.js - reactbootstrap1 - Visual Studio Code
                                                                                              EXPLORER
                            JS App.js
                                           JS index.js
      ✓ REACTBOOTSTRAP1
                           src > JS App.js > ...
                            import logo from './logo.svg';
       > node_modules
                             2 import './App.css';
       > public
                            3

✓ src

                            4 function App() {
        # App.css
                            5
                                   return (
                                    <div className="App">
        JS App.js
                            6
        JS App.test.js
                            7
                                      <header className="App-header">
                            8 Output (Ctrl+Shift+U) =={logo} className="App-logo" alt="logo" />
        # index.css
                       PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
        JS index.is
                                                                                      ≥ powershell + ∨ □ 🛍
        1 logo.svg
        Js reportWebVitals.js
                          PS D:\reactmorning\reactbootstrap1> npm install react-bootstrap bootstrap
        Js setupTests.js
       .gitignore
       {} package-lock.json
      {} package.ison
```

5) Import CSS file in App.js (where we want to use bootstrap)

import 'bootstrap/dist/css/bootstrap.min.css';

```
File Edit Selection View Go Run ··· • App.js - reactbootstrap1 - Visual Studio Code
                                                                                            EXPLORER
                ... Js App.js • Js index.js
                           src > JS App.js > ...
                            import logo from './logo.svg';
import './App.css';
       > node_modules
       > public
                             3 import 'bootstrap/dist/css/bootstrap.min.css';
       ∨ src
       # App.css
                             5
       JS App.js
                             6 function App() {
       Js App.test.js
                            7 return (
       # index.css

Js index.js
                                  <div className="App">
                             8
                         PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
                                                                                  ≥ powershell + ∨ □ 🛍 ···
       ¹ logo.svg
       JS reportWebVitals.js
       JS setupTests.js 248 packages are looking for funding
                            run `npm fund` for details
       .gitignore
      {} package-lock.json
                            8 vulnerabilities (2 moderate, 6 high)
       {} package.json
                            To address all issues (including breaking changes), run:

    README.md

                              npm audit fix --force
      OUTLINE
```

APP.JS

```
X File Edit Selection View Go Run
                                            App.js - reactbootstrap1 - Visual Studio Code
       EXPLORER
                            JS App.js
                                           Js index.js
      ✓ REACTBOOTSTRAP1
                            src > JS App.js > 分 Tbl
                             1 import logo from './logo.svg';
       > node_modules
                              2 import './App.css';
       > public
                                  import 'bootstrap/dist/css/bootstrap.min.css';
                              3
وړ
       ∨ src
                                  import { Button, Table } from 'react-bootstrap';
        # App.css
                              5
       JS App.js
                               6
                                  function App() {
       JS App.test.js
                              7
        # index.css
                              8
                                       <Button variant="primary">Primary</Button>
出
                              9
                                     );
       Js index.js
                             10
        logo.svg
                             11
       reportWebVitals.js
                             12
                                  function Tbl() {
       JS setupTests.js
                             13
                                    return(
       .gitignore
                             14
                                       <Table striped bordered hover>
       {} package-lock.json
                             15
                             16
                                         <thead>
      {} package.json
                             17

 README.md

(Q)
                              18
                                             #
                              19
                                             First Name
      > OUTLINE
                              20
                                             Last Name
      > TIMELINE
                              21
                                             Username
```

```
X File Edit Selection View
                          Go Run …
                                          App.js - reactbootstrap1 - Visual Studio Code
       EXPLORER.
                                          Js index.js
                           JS App.js
      ✓ REACTBOOTSTRAP1
                           src > JS App.js > ...
                                           First Name
       > node_modules
                                           Last Name
       > public
                             21
                                           Username
       ∨ src
                             22
                                         # App.css
                            23
                                       </thead>
       JS App.js
                            24
                                       25
       JS App.test.js
                                         1
                            26
       # index.css
留
                            27
                                           Mark
       Js index.js
                            28
                                           Otto
       logo.svg
                            29
                                           @mdo
       JS reportWebVitals.js
                            30
                                         Js setupTests.js
                            31
                                       .gitignore
                             32
                                     </Table>
                            33
                                     </>
      {} package-lock.json
                             34
                                   );
      {} package.json
                             35
      (i) README.md
(Q)
                             36
                                  export default App;
                             37
                                  export {Tbl};
      > OUTLINE
                             38
       TIMELINE
```

Index.js

```
★ File Edit Selection View Go Run

                                                index.js - reactbootstrap1 - Visual Studio Code
        EXPLORER
                               JS App.js
                                                Js index.js
                               src > JS index.js > ...
      ∨ REACTBOOTSTRAP1
        > node_modules
                                      import React from 'react';
                                       import ReactDOM from 'react-dom/client';
        > public
                                       import './index.css';
        ∨ src
                                       import App, { Tbl } from './App';
        # App.css
                                      import reportWobVitals from ' /nonontWobVitals'.
                                  5
        JS App.js
                                                 const React.StrictMode: React.ExoticComponent<{</pre>
                                  6
                                                      children?: React.ReactNode;
        JS App.test.js
                                       const roo
                                                                                                      root'));
                                       root.rend }>
        # index.css
                                  8
                                  9
                                         <React.<u>StrictMode</u>>
        JS index.js
                                           <App />
                                 10
        logo.svg
                                           <Tbl />
                                 11
        Js reportWebVitals.js
                                 12
                                         </React.StrictMode>
        JS setupTests.js
                                 13
                                       );
       • .gitignore
                                 14
       {} package-lock.json
                                 15
                                      // If you want to start measuring performance in your app, pass a function
                                 16
                                      // to log results (for example: reportWebVitals(console.log))
       {} package.json
                                 17
                                      // or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals
       (i) README.md
                                 18
                                       reportWebVitals();
                                 19
      > OUTLINE
```

Output:



TASKS

Project 1:

Page Names	Project name: reactbootstrapcomps
App.js	App (DE), First (XE), Second [Bdgmain] (E)
Navbar.js (Badges component)	Bdgmain (primary badge) (DE) , Btnbadge (E) , Successbagde (XE), Pillsuccessbadge [Successbadge] (E), Passbadge (E) (green), Failbadge (E) (red)
Table.js (Table component)	Resulttble (DE) (Columns: Sr No. Student Name Maths Marks Phy Marks Chem Marks Pass / Fail Badge)
Modelspage.js (Modelscomponent)	Mainmodel (DE), Fullscreenmodel (E), Largemodel (E)



Project 2:

Page Names	Project name: reactbootstrapcomps
App.js (Mix component)	App (DE), Btngroups(E), Pagination(E), Breadcrumbs (E), Overlays (E), Toasts (E)
Tabs.js (Tabs component)	Controlledtabs (DE), Justifiedtabs (E), Pilltabs (E)
Details.js (Offcanvas component)	Companyinfo (DE) (left offcanvas) , Termsandconditions (bottom offcanvas)