ExcpressWebService

GET	http://localhost:9090/products	Will read all products
GET	http://localhost:9090/products/product/:pnum	Will read one product
POST	http://localhost:9090/products/product/:pnum	Will create or add data in the database
PUT	http://localhost:9090/products/product/:pnum	Will update the data in the database
DELETE	http://localhost:9090/products/product/:pnum	Will delete the product

React js is a frontend library.

It uses MVC and MVVM model

It helps to design SPA(Single page Application

The project is divided into multiple components

Routing feature will make your SPA looks like a MPA(multi page application)

To use ReactJs, we need to CLI tool

Create-react-app

1. Download Create-react-app and install Create-react-app globally

   npm install create-react-app -g

   to create application

   create-react-app myapp

2. To create a new application without installing create-react-app tool

npx create-react-app myapp

While designing react application, it is divided into multiple components

There are 2 types of components

1. Functional component (stateless component)
2. Class component (stateful component)

Functional component	Class component

const MyComponent=()=>{
  return (hello world!!)
}
export default MyComponent;
	Import React,{Component} from 'react';
	class MyComponent extends React.Component{
	render(){
	   return (hello world!!)
	
	}
	}

	export default MyComponent;
Functional component is a javascript function which returns JSX	Class component is a class with render function which returns JSX
It is stateless component, because built in state object is not available	It is stateful component, to manage internal state, We can use state building object in this component
Lifecycle methods cannot be used in functional component, but in new version lot of hooks are available, which are equivalent to lifecycle methods	Lifecycle methods can be used in class component

Counter component

You clicked 3 times

increment   decrement   reset

To install bootstrap
npm install bootstrap@4.6 react-bootstrap
add following entry in App.js
import 'bootstrap/dist/css/bootstrap.min.css'