REACT

1. a library for building user interface
2. front-end framework compared with Angular or Vue
3. structure the view layer of application, JSX, interactive UI with virtual DOM, reusable components, good performance and testing
4. JS prerequisite
5. Think of UI as a bunch of separate components
6. Components: functions vs. classes

Function: export const Header = () =>{ return ( </div> … </div>)}

Class: export class Header extends React.Component {render() {return <div>.. </div>} }

1. React Hooks:

useState: return a stateful value and a function to update it

useEffect: perform side effects in function components

useContext, useReducer, useRef

1. Create a React app: npx create-react-app myApp
2. Files & folders
3. App component & JSX
4. Expressions in JSX
5. Creating a component
6. Component Props
7. PropTypes
8. Styling
9. Button Component
10. Events
11. Tasks Component
12. Create a list with .map()