

Date : 25/01/26
Expt.No.: Day - 31

Page.No:

Task - 1 - 5

i) Define React in your own words.

Ans: React is a JavaScript library used to build fast and interactive user interface, mainly for single-page web applications. Breaking the UI into reusable components. Updating only the required parts of the page using virtual DOM instead of reloading the full page.

ii) List two advantages of React.

Ans:

i) Reusable Component: You can build it using component and reuse them, which saves time and makes code easier to manage.

ii) Fast Performance: React uses a Virtual DOM, so it updates only the required parts of the page, making the app faster.

3) Identify entry file in React project.

Ans: The entry file in a react-project is the main starting point of the application. It is the file where React loads first and begins rendering the app by connecting the main component (App) to the browser screen (inside the root element).

In a Vite + React project, the entry file is usually `src/main.jsx`.

4) Write a JSX heading

An the ch17 this is a heading 4h1

5) Correct JSX syntax errors.

An: fixed createApp does not have an h1

- i) Must occur only one parent element
- ii) Use className instead of class
- iii) JSX tags must be properly closed
- iv) use curly braces {} if you Javascript inside JSX
- v) use CamelCase {} for attributel values only