

Date : 25/01/26

Expt.No. : Day - 31

Page.No :

Task - 1 - 5

1) Define React in your own words.

Ans: React is a JavaScript library used to build fast and interactive user interfaces, 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.

2) List two advantages of React?

Ans:

i) Reusable Component : You can build UI 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

Ans

4h17 This is a heading 4h17

5) Correct JSX syntax errors.

Ans:

- i) Must contain only one parent element
- ii) Use className instead of class
- iii) JSX tags must be properly closed
- iv) Use curly braces {} for JavaScript inside JSX
- v) Use camel case for attributes