Practical No. 6
Implementation of ReactJs

Perform following problem statements using ReactJs

Problem Statement 1: Enhanced To-Do List with Deadlines & Reminders

- Implement a simple To-Do List with Add, Edit, Delete functionalities.
- Add the following features without any AI-generated help:
    1. Task Deadlines – Allow users to set due dates.
    2. Reminder Notifications – Show alerts when deadlines are approaching.
    3. Drag-and-Drop Sorting – Enable users to reorder tasks.
    4. Dark Mode Toggle – Implement a light/dark theme switch.

Problem Statement 2: A weather app fetching data from an API.

- Implement a weather app fetching data from API
- Also add following features
    1. Hourly & Weekly Forecast – Display data for different time frames.
    2. Location-Based Weather – Fetch weather based on user's location.
    3. Offline Mode – Cache the last fetched data for offline access.
    4. Graph Visualization – Use a chart library to display temperature trends.

Note:

1. Create a **document** of the above website with screenshots.
2. Scan the document and **create a pdf file** with **"ExamSeatNum_P#PS#" as its name**.
3. Upload the file on the **WCE Moodle** before the given deadline.