Students are not allowed to copy/share/download to Github. Students that will be caught will be automatically marked as failed for the Prelims exam, Hands-on 4 and Hands-on 5.

All source code(exclude the node_modules folder) must be compressed/zipped with password(to protect your solution to your classmates/other section) and upload it to their Github **ADT313-Prelims** Forked Repository.

1. ReactJS Components (**15pts**)
    1. Student Information Component must accept students information (complete name and section) and must be positioned at the top most of the page.
    2. Login Form Component
    3. Profile Component
2. ReactJS Hooks
    1. useState (**10pts**)
        1. Students must keep the value of the username and password using the `useState`.
    2. useEffect (Total of **20pts**, **10pts** for useEffect, **10pts** for conditional rendering)
        1. After logging in, student must demonstrate the application of `useEffect` by changing the `Login` Button to `Loading` and show the `Profile Component` after 3 seconds of successful login.
    3. useRef (**10pts**)
        1. Student must attach the `useRef` to username and password field.
    4. useCallback (**10pts**)
        1. Student must implement show/hide password using `useCallback` hook.
    5. useReducer (**30pts**)
        1. Students must use the useReducer hook for login and logout.
    6. useContext (**20pts**)
        1. Student must use the `useContext` to keep the profile information. ProfileContext should not have values if the user is not logged in.
3. Form validation (**30pts**)
    1. Using the combination of `useRef`, `useEffect`, `useState`; Students must implement a form validation in Login Form Component, fields must show an error if the values are blank after typing in to the username/password.
4. Bonus Points
    1. Bonus 1 (**20pts**) - Implement a logic where the validation will run 2 seconds after the user inputs a value to the username/password field.

2. Bonus 2 (**10pts**) - Implement Theming (Dark/Light Theme); Add a `Dark/Light` Button at the top of the page.
3. Bonus 3 (**10pts**) - Show a confirmation prompt when user clicks the logout button.