**Task: Shared input component**

Create common shared component that can handle common input like input textarea checkbox radio and use this component into one form

**Overview:**

The task involved creating a reusable, flexible React component that can handle various input types such as text, textarea, checkbox, and radio buttons, and utilizing this component within a single form.

**Objective:**

* Create a CommonInput component that dynamically supports various input types.
* Integrate the CommonInput component into a form to manage user inputs effectively.

**Steps Completed:**

1. **Created the CommonInput Component:**
   * Developed a reusable React component named CommonInput that accepts various props such as type, name, label, value, and onChange handler.
   * Handled different input types: text, email, password, textarea, checkbox, and radio buttons.
2. **Form Configuration Setup:**
   * Defined a configuration array (formConfig) for the form fields, including types and labels for each input.
   * Managed state for form data using useState, initializing input values based on their types (e.g., checkboxes initialized with false).
3. **Using CommonInput in Form:**
   * Incorporated the CommonInput component within the form to dynamically render each input based on the configuration.
   * Applied a consistent styling approach for input elements with custom CSS for improved visual presentation.
4. **Handling Form Submission and Validation:**
   * Implemented a form submission handler (handleSubmit) that logs form data.
   * Added input validation, ensuring necessary fields like email and password meet specific requirements.

**Results:**

* **Reusable Component**: Successfully created a flexible CommonInput component that supports text, textarea, checkbox, and radio inputs.
* **Form Integration**: Successfully integrated the CommonInput component into a form, allowing dynamic input handling.
* **Enhanced User Experience**: Implemented smooth animations and validations to improve form interactions.

**Next Steps:**

* **Future Enhancements**: Add additional input types (e.g., file upload) and more advanced validation.
* **Documentation**: Create documentation for the CommonInput component for easier integration into future projects.