<u>www.vinsys.com</u> React Training

Problem 1: Basic Controlled Form with Validation

Task:

Create a React form with the following fields:

- **Name** (text input, required)
- **Email** (email input, must be a valid email format)
- **Password** (password input, minimum 8 characters)

Requirements:

- 1. Use **controlled components** (state management via useState).
- 2. Implement **real-time validation** (display error messages if validation fails).
- 3. On submission:
- Prevent the default form behavior.
- Display a success message if all validations pass.
- Log the form data to the console.

Example UI Structure:

```
<label>Name:</label>
<input type="text" value={name} onChange={(e) => setName(e.target.value)} />
{nameError && {nameError}}

<button type="submit">Submit</button>
{isSubmitted && Form submitted successfully!}
```