Web Programming Lab
Assignment – 6

Question 1: Form Validation with Exception Handling

Create a **Student Registration Form** with fields:

- Name
- Email
- Age
- Password

Requirements:

1. Validate:
   - Name should not be empty.
   - Email must contain "@".
   - Age must be between 18 and 30.
   - Password must be at least 6 characters.
2. Use **try-catch-finally** to handle validation errors.
3. If validation fails, throw a custom error message.
4. Display success message if all validations pass.
5. Log errors in console.

Question 2: JSON Creation, Parsing & Display

Create a webpage that:

1. Creates a JSON object containing:
   - Product ID
   - Product Name
   - Price
   - In-Stock (true/false)
2. Convert the object into JSON string using JSON.stringify().
3. Parse it back using JSON.parse().
4. Display parsed data dynamically inside a <div>.
5. Use **try-catch** to handle JSON parsing errors.