Lab Work : Angular Template Forms

Duration 1.5 hours

1. Create a Simple Login Form
Problem**:**

Design a login form using template-driven forms with the following fields:
- Email (required, valid email format)
- Password (required, minimum length 6)

Tasks:
1. Use `ngModel` for two-way data binding.
2. Implement validation for the fields (email format and password length).
3. Display error messages when the form is invalid.
4. Prevent form submission if the fields are invalid.

Expected Output:
- Form should disable the Submit button if the form is invalid.
- Error messages should appear if a user leaves a required field empty.

2. Build a Registration Form with Dropdown and Radio Buttons
Problem:

Create a registration form with these fields:
- Full Name (required)
- Gender (radio buttons: Male, Female, Other)
- Country (dropdown with options: USA, UK, Canada, India)

Tasks:
1. Use a dropdown to select the country and radio buttons for gender selection.
2. Display the selected gender and country in the console upon submission.
3. Use `ngModel` for data binding.

3. Add Dynamic Validation: Age Verification
Problem:

Create a form that asks for the user's name, date of birth, and age. If the age entered is below 18, display an error message.

Tasks:

1. Use `ngModel` for two-way binding.
2. Add validation to check if the age is at least 18.
3. Disable the submit button if the form is invalid.

4. Contact Form with Reset Functionality

Problem:

Create a Contact Us form with fields for Name, Email, Message, and a Reset button to clear the form.

Tasks:

1. Implement a reset button to clear all the inputs.
2. Display a success message upon form submission.

5. Form with Custom Validator: No Spaces Allowed

Problem:

Create a form with a username field that does not allow spaces. If the user enters a space, display an error message.

Tasks:

1. Use a custom validation function to detect spaces.
2. Show an error message if spaces are detected.