Training Day 5 Report

2 July 2025

FORMS IN HTML

An **HTML form** is a section of a webpage that allows users to **enter data** and **send it to a web server** for processing.

Common examples include:
- Registration Form
- Login Form
- Contact Us
- Feedback Form
- Surveys

Basic Syntax :

<form action=" " method=" ">
 Input fields go here
</form>

Input Fields (<input>)

Syntax:
<input type="value">

Common type Values:

Type	Description
text	Single-line plain text input
email	Validates email input
number	Allows numeric input only
password	Hides characters entered (dots)
date	Date picker
checkbox	Allows multiple selections
radio	Allows single selection from options
file	Upload file

Example Fields:

```
<input type="text" placeholder="Your Name" required>
<input type="email" placeholder="you@example.com" required>
<input type="number" placeholder="Phone Number">
<input type="password" placeholder="Password">
<input type="date">
<input type="file">
```

Label
Used to name the input field, making it more accessible and user-friendly.

Syntax:
```
<label for="username">Username:</label>
<input type="text" id="username">
```
for in <label> should match the id of <input>.

Form Attributes

Attribute	Description
action	The URL or file where the form data is sent.
method	GET or POST method used to submit the form.

Example:
```
<form action="/submit" method="post">
```

Placeholder
Gives a hint inside the input box about what to enter.
```
<input type="text" placeholder="Enter your name">
```

Required
Forces the user to fill the input before submitting.
```
<input type="email" required>
```

Buttons

Submit Button:

Used to submit the form.
<button type="submit">Submit</button>

Reset Button:

Clears all the form inputs.
<button type="reset">Reset</button>

Button Attributes:

Attribute	Description
value	Predefined value of the button or input
disabled	Disables the input/button
readonly	Makes input visible but not editable
autocomplete	Enables browser auto-fill (`on`/`off`)
maxlength	Limits the number of characters
pattern	Regex pattern for input validation

Example:

<input type="text" pattern="[A-Za-z]{3,}" maxlength="10">

Textarea

Used for multi-line text input (like comments or messages).

Syntax:

<textarea rows="4" cols="30" placeholder="Your message here..."></textarea>