

FORM

In HTML, a `<form>` element is used to create an interactive form for collecting user inputs. Forms are typically used for submitting data to a web server, such as login information, comments, or other kinds of user input.

Basic Structure:

```
html
<form>
  <input type="text" id="name" name="name">

  <label for="email">Email:</label>
  <input type="email" id="email" name="email">

  <input type="submit" value="Submit">
</form>
```

Key Attributes:

- **action:** Defines the URL to which the form data will be sent when submitted.
- **method:** Specifies how the data is sent. The two main methods are:
- **GET:** Appends form data to the URL in name/value pairs (not secure for sensitive data).
- **POST:** Sends form data as a part of the HTTP request body (more secure for sensitive data).

Common Form Elements:

- **`<input>`:** Allows for various types of input, such as text, passwords, checkboxes, and radio buttons.
 - `type="text"`: Single-line text input.
 - `type="password"`: Masked text input.
 - `type="submit"`: Submit button to send form data.
- **`<textarea>`:** Multi-line text input.
- **`<select>`:** Dropdown menu.
- **`<button>`:** A clickable button.

FORM1.HTML

```
<html>
<head>
  <title>Form1</title>
</head>
<body>
<form>
  <table border="1" cellspacing="0.5" width=100% >
    <tr >
      <td width=50%>Name</td>
      <td><input type="text" name="text1" placeholder="Enter your name"></td>
    </tr>
    <tr>
      <td>password</td>
      <td><input type="password" name="password" placeholder="Enter your password"></td>
    </tr>
    <tr>
      <td><input type="submit" name="Login"></td>
      <td><input type="reset" name="clear"></td>
    </tr>
  </table>
</form>

</body>
</html>
```

OUTPUT:

Name	Enter your name	
password	Enter your password	
Submit	Reset	

FORM2. HTML

```
<html>
<head>
  <title>Registration</title>
</head>
<body>
<form>
  <table border="1" cellspacing="0.5" width=100% cellpadding=10px >
    <tr >
      <th align="center" colspan="2">REGISTRATION</th>

    </tr>
    <tr>
    <tr >
      <td align="right">Username</td>
      <td><input type="text" name="text1" </td>
    </tr>
    <tr>
      <td align="right">password</td>
      <td><input type="password" name="password" </td>
    </tr>
    <tr>
      <td align="right">Email Id</td>
      <td><input type="email" name="email" </td>
    </tr>
    <tr>
      <td align="right">Mobile</td>
      <td><input type="text" name="mobile" </td>
    </tr>

    <tr>
      <td align="right">Gender</td>
      <td><input type="radio" name="gender">Male <input type="radio"
name="gender">Female </td>

    </tr>

    <tr align="center">
      <td><input type="submit" value="Register"</td>
      <td><input type="reset" value="Clear"</td>
    </tr>
```

```
</table>
</form>

</body>
</html>
```

OUTPUT:

REGISTRATION	
Username	<input type="text"/>
password	<input type="password"/>
Email Id	<input type="text"/>
Mobile	<input type="text"/>
Gender	<input type="radio"/> Male <input type="radio"/> Female
<input type="button" value="Register"/>	<input type="button" value="Clear"/>