

Html Forms





Topics Covered

- Introduction to HTML form
- Form attributes and their usage
- Login Form Example



Introduction to HTML form

Take Input From User

Submitting Information to Server

CUSTOMER LOGIN

Username

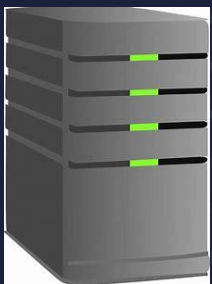
Password

☒ Remember me

[Forgot Password?](#)

LOGIN

Send Login Form Data to Server



Server

Login Form



Lets Create a Simple Form

```
<form action="/subscribe" method="get">  
  <!-- input controls will come here --->  
</form>
```

action - URL to which form data sent for processing

method - HTTP Method used to submit data



Email Input control

```
<label for="email">Enter Email: </label>
```

```
<input type="email" name="email" required>
```

◀**input**▶ tag defines input element for entering an email address. It also checks for a valid email address.

◀**label**▶ tag helps users to know the purpose of the form control element (input).



Submit Control

```
<div>  
  <input type="submit" value="Subscribe!">  
</div>
```

<input type="submit"> defines a submit controls which allows user to **submit form data** on clicking the button.



Let's combine Form, Input control and Submit control

```
<form action="/subscribe" method="get">
  <label for="email">Enter Email: </label>
  <input type="email" name="email" id="email" required>
  <div>
    <input type="submit" value="Subscribe!">
  </div>
</form>
```

Simple Form

Enter Email:

Subscribe!



Form attributes and their usage

The **action** and **method** attributes are used to specify how the form data will be submitted to the server for processing.

- **action:** Defines the URL to which the form data will be sent for processing.
- **method:** HTTP method that will be used to submit the form data to the server. Examples GET, POST etc.

GET method, after submitting the form, form data is visible in the address bar. But the

POST method prevents form data from appearing in the address bar after the form has been submitted, via sending data in the request body.



Login Form Example

Lets create a simple login form using html form.

Step 1: Create an html file "index.html" with below template code.

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <title>Login</title>
  </head>
  <body>
    <h1>Login</h1>
  </body>
</html>
```



Login



Login Form Example

Step 2: Create an empty form element inside the html body.

```
<body>
  <h1>Login</h1>
  <form method="POST">
    <!-- input controls will come here -->
  </form>
</body>
```



Here, **<form> Tag** defines a form element, with method **POST**, as discussed previously, **POST** method prevents form data from appearing in the address bar after the form has been submitted, via sending data in the request body.



Login Form Example

Step 3: Add username input with label

```
<body>
<form method="POST">
  <label for="username">Username:</label>
  <input
    type="text"
    id="username"
    name="username"
    placeholder="Enter your username"
    required
  />
</form>
</body>
```

Login

Username:



Please fill out this field.

Username is a required input!



Login Form Example

Step 4 : Add password input with label

```
<body>
<form method="POST">
  ...
  <label for="password">Password:</label>
  <input
    type="password"
    id="password"
    name="password"
    placeholder="Enter your password"
    required
  />
</form>
</body>
```

Login

Username:

Password:

Password is also a required input!

Enter password securely!



Login Form Example

Step 5 : At last add “login” submit input

```
<body>
<form method="POST">
  ...
  <input type="submit" value="Login" />
</form>
</body>
```

Login

Username:

Password:

Login



▶ THANK YOU ◀