

HTML5: Navigations, Web Forms 2.0

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Navigations in HTML5

Links (`<a>`)

Create clickable hyperlinks.

```
<a href="https://www.example.com">Visit Example</a>
```

- `href` : specifies the target URL or file path.
- You can also link within the same page using an **anchor**:

```
<a href="#section2">Go to Section 2</a>
```

Web Forms 2.0

Forms in HTML

Forms allow users to **input** data that can be sent to a server (e.g., for login, feedback, or search).

Basic Structure

```
<form action="/submit" method="post">
  <label for="username">Username:</label>
  <input type="text" id="username" name="username" required>

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

  <label for="country">Country:</label>
  <select id="country" name="country">
    <option value="">--Select--</option>
    <option value="us">USA</option>
    <option value="uk">UK</option>
```

```
<label for="message">Message:</label>
<textarea id="message" name="message" rows="4"></textarea>

<button type="submit">Send</button>
</form>
```

Explanation of Attributes

- `action` — URL to which the form data will be sent.
- `method` — How the data is sent:
 - `get` → appends data to the URL (useful for searches).
 - `post` → sends data securely in the body (used for sensitive data).
- `name` — Used to identify form fields when data is submitted.
- `id` and `for` — Connect `<label>`s to inputs for accessibility.
- `required` — Makes a field mandatory.
- `type` — Defines input kind (`text`, `email`, `password`, `checkbox`, etc.).

Common Form Elements

- `<input>` → single-line text fields, checkboxes, radio buttons, etc.
- `<select>` → dropdown lists.
- `<textarea>` → multi-line text input.
- `<button>` → triggers form submission or JavaScript actions.

Self-Check Questions:

1. What is the purpose of using semantic tags in HTML?
2. How does `article` differ from `section` ?
3. What type of content is usually placed inside `<header>` and `<footer>`?
4. Why is semantic HTML beneficial for accessibility and SEO?
5. How can you make a piece of text link to another webpage?

Self-Check Questions:

6. What is the difference between the `get` and `post` methods?
7. What does the `required` attribute do?
8. How does the browser use the `name` attribute when submitting a form?
9. What tag should you use for a multi-line comment box?
10. Why do we need `autofocus` attribute?

Q & A

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