

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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