

## HTML Study Guide: Links, Navigation & Form Elements

### Creating Hyperlinks to Other Web Pages

Use the <a> tag to create hyperlinks to other web pages.

*Example:*

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

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### Linking to Email Addresses and Files

Use mailto: for email links and href with a file path for file downloads.

*Email Example:*

```
<a href="mailto:someone@example.com">Send Email</a>
```

*File Download Example:*

```
<a href="/files/report.pdf" download>Download Report</a>
```

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### Building Navigation Menus and Lists

Use <ul> or <ol> with <li> to build navigation menus.

*Example:*

```
<ul>  
  <li><a href="/home">Home</a></li>  
  <li><a href="/about">About</a></li>  
  <li><a href="/contact">Contact</a></li>  
</ul>
```

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### Text Input and Text Area Elements

Use <input type='text'> for single-line input and <textarea> for multi-line.

*Example:*

```
<input type="text" placeholder="Enter your name">
```

```
<textarea rows="4" cols="50">Enter your message
```

*here...</textarea>*

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## Radio Buttons, Checkboxes, and Select Menus

Use `<input type='radio'>`, `<input type='checkbox'>`, and `<select>` to get user choices.

### *Radio Example:*

```
<input type="radio" name="gender" value="male"> Male  
<input type="radio" name="gender" value="female"> Female
```

### *Checkbox Example:*

```
<input type="checkbox" name="vehicle" value="bike"> I have a bike
```

### *Select Menu Example:*

```
<select name="cars">  
  <option value="volvo">Volvo</option>  
  <option value="saab">Saab</option>  
</select>
```

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## Input Attributes (required, placeholder, pattern, etc.)

Enhance input fields with attributes like required, placeholder, pattern, etc.

### *Example:*

```
<input type="text" placeholder="Username" required>  
  
<input type="email" placeholder="Email"  
pattern="^[^\s]+@[^\s]+\.[^\s]+">
```

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