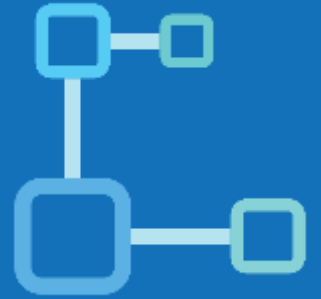




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FORM



HTML FORMS

- HTML Forms are required, when you want to collect some data from the site visitor. For example, during user registration you would like to collect information such as name, email address, credit card, etc.
- A form will take input from the site visitor and then will post it to a back-end application such as CGI, ASP Script or PHP script etc. The back-end application will perform required processing on the passed data based on defined business logic inside the application.
- There are various form elements available like text fields, textarea fields, drop-down menus, radio buttons, checkboxes, etc

List of Input tags

1. `<input type="button">`

2. `<input type="checkbox">`

- defines a checkbox.
- Checkboxes let a user select ZERO or MORE options of a limited number of choices.

3. `<input type="password">`

- defines a password field (The characters in a password field are masked(shown as asterisks or circles))

4. `<input type="radio">`

- defines a radio button.
- Radio buttons let a user select ONLY ONE of a limited number of choices

5. `<input type="reset">`

- defines a **reset button** that will reset all form values to their default values

6. `<input type="submit">`

- defines a button for submitting form data to a form-handler.
- The form-handler is typically a server page with a script for processing input data.
- The form-handler is specified in the form's action attribute

7. `<input type="text">`

- defines a one-line text input field

8. <input type="search">

- Is used for search fields (a search field behaves like a regular text field).

- Example:

```
<form>
```

Search Google:

```
<input type="search" name="googlesearch">
```

```
</form>
```

9. <input type="range">

- defines a control for entering a number whose exact value is not important (like a slider control). Default range is 0 to 100. However, you can set restrictions on what numbers are accepted with the min, max, and step attributes

- Example:

```
• <form>
```

```
<input type="range" name="points" min="0" max="10">
```

```
</form>
```

Input restrictions

- **Disabled** Specifies that an input field should be disabled
- **max** Specifies the maximum value for an input field
- **maxlength** Specifies the maximum number of character for an input field
- **min** Specifies the minimum value for an input field
- **pattern** Specifies a regular expression to check the input value against
- **readonly** Specifies that an input field is read only (cannot be changed)
- **required** Specifies that an input field is required (must be filled out)
- **size** Specifies the width (in characters) of an input field
- **step** Specifies the legal number intervals for an input field
- **value** Specifies the default value for an input field