

# HTML Tags: Form - Part#1

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# Form **TAGS**: about

- Types
- Usage
- Attributes
- Accessibility
- Validation
- Patterns and restrictions



# Form **TAGS**

- `<form>`
- `<input>`
- `<textarea>`
- `<select>`
- `<button>`
- `<label>`
- `<fieldset>`
- `<output>`
- `<legend>`
- `<optgroup>`



# <input>

Note: self-enclosing, display: inline-block

```
<input type="text" name="name_input" placeholder="Add your name here" />
```

## Specific attributes:

- type
- placeholder
- height
- width
- accept
- autofocus
- checked
- step
- required
- value
- max
- min
- minLength
- maxLength
- readonly
- pattern

## Type:

- text
- checkbox
- number
- password
- radio
- submit
- file
- image
- range
- reset
- **hidden** (the field is not shown, but the data is submitted)
- button
- time
- search
- email
- url

# Accessibility: put a **<label>** on it

Note: start/end tag, display: inline

```
<label for="nameInput">Name</label>
```

```
<input type="text" id="nameInput" />
```

# Client-side <form> validation

- required
- minLength/maxLength (strings)
- min/max (numbers)
- type (email, url - **limited**)
- pattern (regex)





/Let's put some CSS into it\



# Client-side **<form>** validation: styling

Note: attributes “convert” into pseudo-class selectors.

- :required:invalid
- :required:valid
- :focus:invalid
- :disabled





# <button>

Note: start/end tag, display: inline-block

```
<button type="button">Start</button>
```

## Specific attributes:

- type: button|reset|submit
- autofocus
- value
- name
- disabled

# <form>

Note: start/end tag, display: **block**

```
<!-- FORM -->
<form action="/action_page.php">
  <label for="fname">First name:</label>
  <input type="text" id="fname" name="fname" value="John">
  <label for="lname">Last name:</label>
  <input type="text" id="lname" name="lname" value="Doe">
  <input type="submit" value="Submit">
</form>
```

## Specific attributes:

- action
- autocomplete
- enctype
- accept-charset
- method
- name
- novalidate (allows JS to take over)
- target



/code\



# <textarea>

Note: start/end tag, display: inline-block

```
<textarea name="name_textarea" rows="4" cols="20">ABCD</textarea>
```

## Specific attributes:

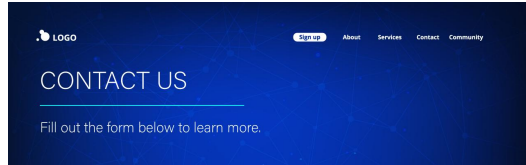
- rows
- cols
- autofocus
- maxLength
- name
- placeholder
- readonly
- required
- disabled



/New Assignment\



# Assignment #4



First name

Last name

Email

Message

Submit

or press **enter**

- Well-formed doc
- Semantic tags
- External stylesheet
- Use font awesome for the icons
- **Submit** should be a specific input (semantic), not only a styled div
- **enter** is just a text content, the specific call-to-action belongs to the button (JS topic)
- Add validation:
  - All fields are required
  - First name and Last name: at least 5 characters
  - Email: specific field
  - Textarea: at least 50 characters, maximum 250

/Font Awesome\





/Q&A\





# Resources

- MDN Web docs: <https://developer.mozilla.org/en-US/>
- W3Schools: <https://www.w3schools.com/>
- Font Awesome: <https://fontawesome.com/>
- Placeholder styling: <https://css-tricks.com/almanac/selectors/p/placeholder/>
- Iconfinder: <https://www.iconfinder.com/>
- WhatTheFont: <https://www.myfonts.com/WhatTheFont/>





# Thank you

**Next: HTML Tags: Form - Part#2**

