

</talentlabs>

CHAPTER 6

Forms





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AGENDA

- Form Input Types
 - Form Input Attributes
 - Select & Text Area
-

Forms Input Types





Forms

- Nowadays it is extremely difficult to find websites that do not include some type of form element
- Forms are HTML elements which are used for user input. They can range from text fields where we write our username/passwords or select boxes where we choose our country, occupation.
- There are numerous types of form elements, each suited for different purposes





Forms

Form Elements

- The most common type of form element is the `<input>` tag, for allowing users to type in their input.
- The `<label>` tag is a text label to describe the input, so the users know what to type in.
- When we fill up forms on the internet, we usually have a submit button. Forms can also define their own submit buttons.





Form Input Types

The **<input>** tag defines all types of input elements.

The type of input element is defined by the “type” attribute.

Text Input

```
<label for="name">First Name</label>  
<input type="text" id="name">
```



First name:

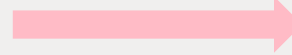
The “for” attribute in label matches the “id” of the input.
This is to bind the label and the input element together.



Form Input Types

Password Input

```
<label for="pwd">Password</label>  
<input type="password" id="pwd">
```



Password:

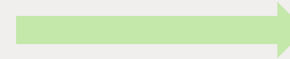
Allows us to create password inputs



Form Input Types

Radio Buttons

```
<input type="radio" id="coffee" name="drink">  
<label for="coffee">Coffee</label>  
<input type="radio" id="milk" name="drink">  
<label for="milk">Milk</label>  
<input type="radio" id="tea" name="drink">  
<label for="tea">Tea</label>
```



☐ Coffee
☐ Milk
☐ Tea

Radio buttons allow users select ONLY ONE option from the list of choices.



Form Input Types

Checkbox

```
<input type="checkbox" id="coffee">  
<label for="coffee">Coffee</label>  
<input type="checkbox" id="milk">  
<label for="milk">Milk</label>  
<input type="checkbox" id="tea">  
<label for="tea">Tea</label>
```



☐ Coffee
☐ Milk
☐ Tea

Checkboxes allow users select MULTIPLE options from the list of choices.

Forms Input Attributes



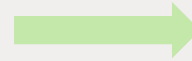


Form Input Attributes

Input fields may have several attributes to enhance their functionality

Text Input : value

```
<label for="name">First Name</label>  
<input type="text" id="name" value="John">
```



First name:

The input value specifies an initial value for the input field.



Form Input Attributes

Text Input : readonly

```
<label for="name">First Name</label>  
<input type="text" id="name" value="John" readonly>
```



First name:

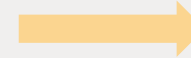
Readonly fields cannot be edited or changed by the user.



Form Input Attributes

Text Input : maxlength

```
<label for="name">First Name</label>  
<input type="text" id="name" value="1234567890"  
maxlength="10">
```



First Name
1234567890

Maxlength sets the size of the input field.

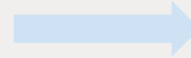
We cannot input more than 10 characters in this instance.



Form Input Attributes

Text Input : placeholder

```
<label for="name">First Name</label>  
<input type="text" id="name"  
  placeholder="Enter your first name">
```



First Name
Enter your first name

The input placeholder attribute specifies a short hint that describes the expected value of an input field.

Select & Text Area



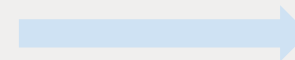


Other Form Elements

`<select>`

This tag allows us to create a dropdown list to choose from

```
<label for="name">Choose a drink</label>
<select id="name">
  <option value="coffee">Coffee</option>
  <option value="milk">Milk</option>
  <option value="tea">Tea</option>
  <option value="coke">Coke</option>
</select>
```



Choose a drink:

- Coffee
- Milk
- Tea
- Coke

The `<label>` tag is asking the user a question.

The `<option>` tag defines the options that can be selected. The first one is auto-selected by default



Other Form Elements

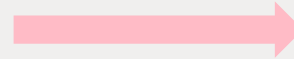
<textarea>

This tag allows us to create a multi-line input field.
We usually use this for comments or reviews.

```
<textarea rows="10" cols="30">
```

The cat was playing in the garden.

```
</textarea>
```



The cat was playing in the garden.

The rows attribute specifies the visible number of lines in a text area.

The cols attribute specifies the visible width of a text area.

That's all for this module!

THANK YOU!

