HTML Forms

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HTML Forms

- **HTML Forms are used to select different kinds of user input.**

Forms

- A form is an area that can contain form elements.

- Form elements are elements that allow the user to enter information (like text fields, textarea fields, drop-down menus, radio buttons, checkboxes, etc.) in a form.

- A form is defined with the <form> tag.
  <form>
       <input>
       <input>
  </form>

Input

- The most used form tag is the <input> tag. The type of input is specified with the type attribute.

Text Fields

Text fields are used when you want the user to type letters, numbers, etc. in a form.

```
<form>
        First name:
        <input type="text" name="firstname"> <br>
        Last name:
        <input type="text" name="lastname">
</form>
```

How it looks in a browser:

First name: _____

Last name: _____

Radio Buttons

- Radio Buttons are used when you want the user to select one of a limited number of choices.

```
<form>
    <input type="radio" name="sex" value="male">
    Male <br>
    <input type="radio" name="sex" value="female"> Female
</form>
```

How it looks in a browser:
- ○ Male
- ○ Female

Note that only one option can be chosen.
checked="checked" to check an element

Checkboxes

- **Checkboxes are used when you want the user to select one or more options of a limited number of choices.**

```
<form>
    <input type="checkbox" name="bike">
    I have a bike <br>
    <input type="checkbox" name="car">
    I have a car
</form>
```

How it looks in a browser:

☐ **I have a bike**
☐ **I have a car**

Drop Down Box

```
<html>
<body>

<form>
<select name="cars">
<option value="volvo">Volvo</option>
<option value="saab">Saab</option>
<option value="fiat">Fiat</option>
<option value="audi">Audi</option>
</select>
</form>

</body>
</html>
```

```
<html>
<body>

<form>
<select name="cars">
<option value="volvo">Volvo</option>
<option value="saab">Saab</option>
<option value="fiat"
selected="selected">Fiat</option>
<option value="audi">Audi</option>
</select>
</form>

</body>
</html>
```
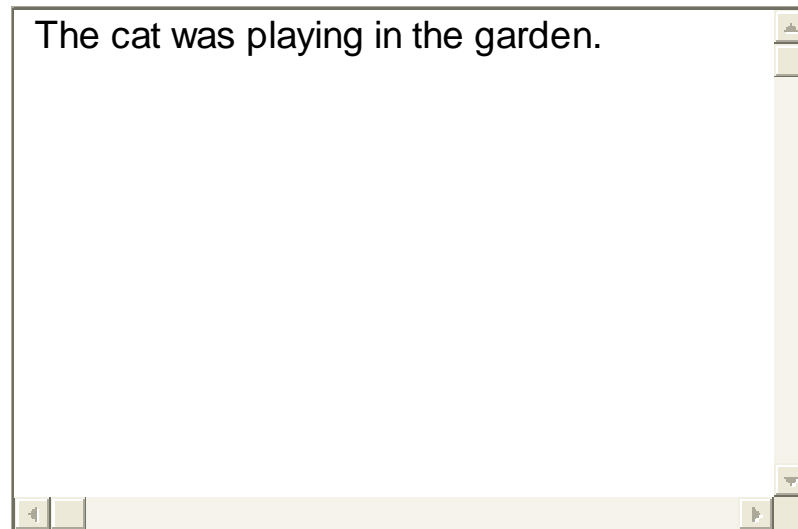
Textarea

<textarea rows=40 cols=40>

The cat was playing in the garden.

</textarea>

The cat was playing in the garden.

Button

```
<html>
<body>

<form>
<input type="button" value="Hello world!">
</form>

</body>
</html>
```

Hello world!

Field Set around data

```
<html>
<body>

<fieldset>
<legend>
Health information:
</legend>
<form>
Height <input type="text" size="3">
Weight <input type="text" size="3">
</form>
</fieldset>

</body>
</html>
```

Form's Action Attribute and the Submit Button

```
<form name="input" action="html_form_action.asp"
 method="get">

Username: <input type="text" name="user">
<input type="submit" value="Submit">


</form>
```

How it looks in a browser:

Username: [   ] [Submit]

Form with Input Field and submit

```
<html>
<body>

<form name="input" action="html_form_action.asp" method="get">

Type your first name:
<input type="text" name="FirstName" value="Mickey" size="20">
<br>Type your last name:
<input type="text" name="LastName" value="Mouse" size="20">
<br>
<input type="submit" value="Submit">

</form>

</body>
</html>
```