

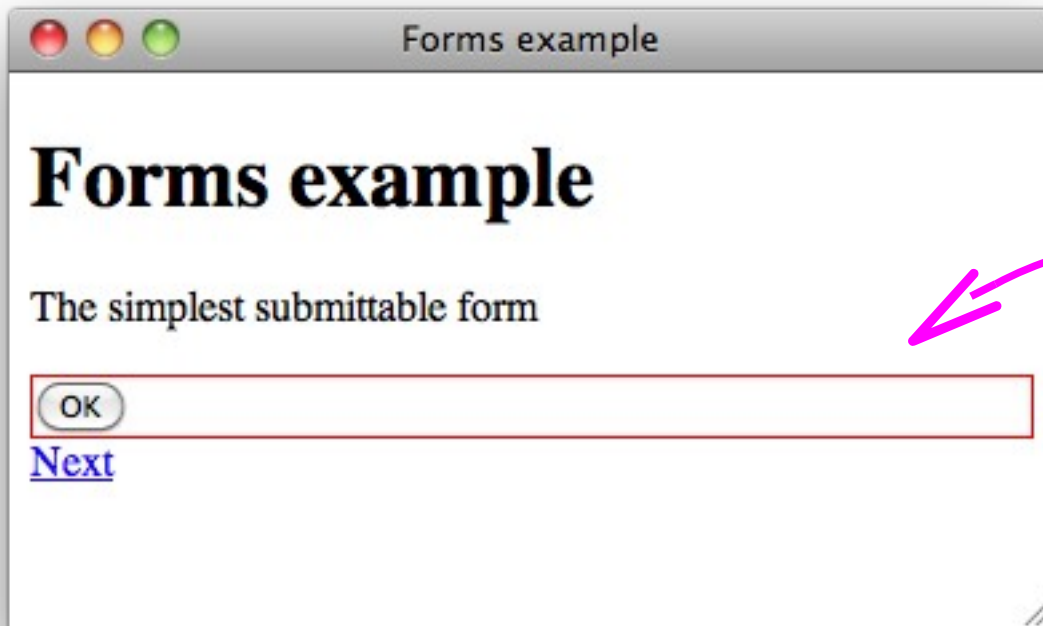
HTML Forms

The simplest form

```
forms_00.html
1 <!DOCTYPE html PUBLIC
2   "-//W3C//DTD HTML 4.01 Transitional//EN"
3   "http://www.w3.org/TR/html4/loose.dtd">
4 <html>
5
6   <head>
7     <meta http-equiv="Content-Type" content="text/html; charset=utf-8">
8     <title>Forms example</title>
9     <style type="text/css">
10       form { border: 1px solid red; }
11     </style>
12   </head>
13
14   <body>
15     <h1>Forms example</h1>
16     <p>The simplest submittable form</p>
17     <form action="http://babylon.lyngbyes.dk/aka">
18       <input type="submit" name="okButton" value="OK" />
19     </form>
20     <a href="forms_01.html">Next</a>
21   </body>
22
23 </html>
```

Line: 10 Column: 35 HTML Tab Size: 2 CSS: form

has an action and a submit button



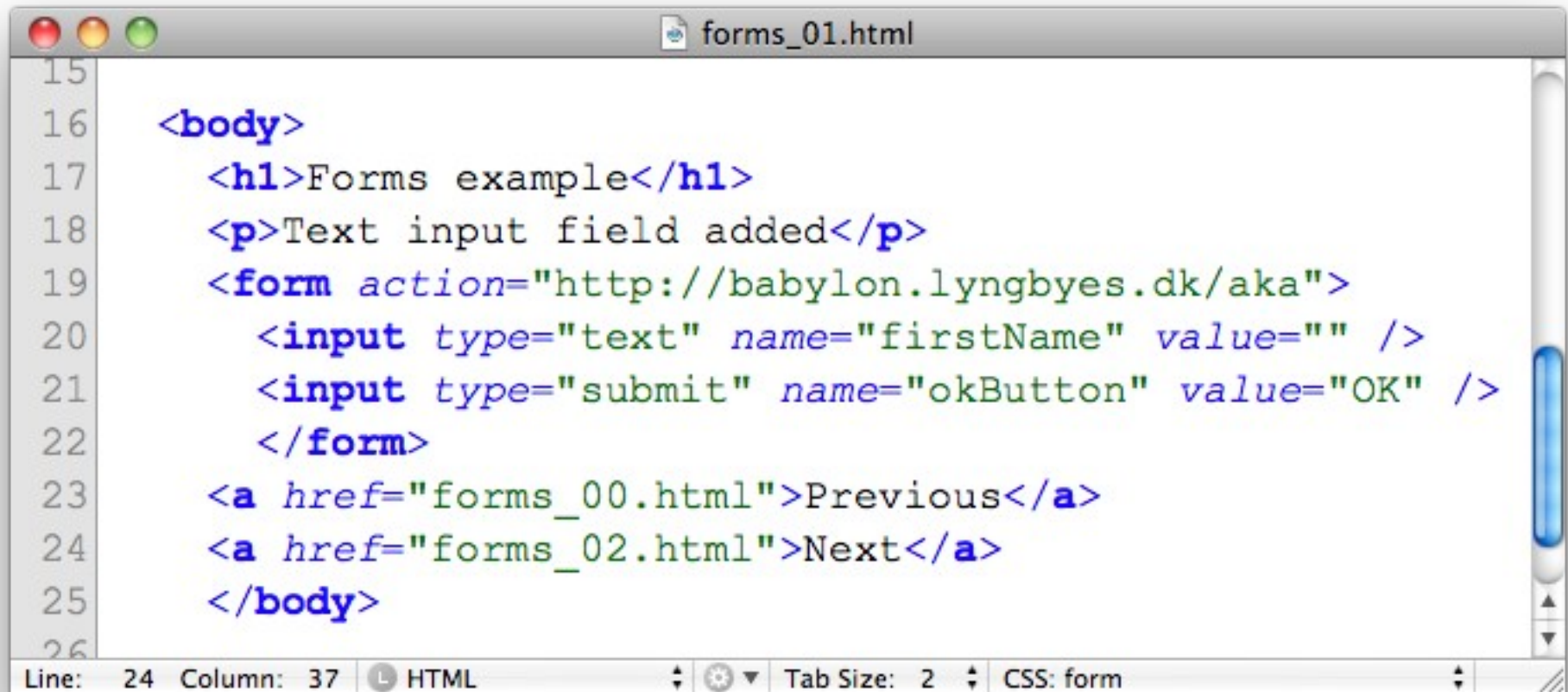
The screenshot shows a web browser window with the title 'Forms example'. Inside the window, there is a heading 'Forms example' and a subheading 'The simplest submittable form'. Below the subheading is a form consisting of a text input field with a red border and a submit button labeled 'OK'. Below the form is a blue underlined link labeled 'Next'.

The form is styled with a red border

Query String (GET)	
okButton	OK
Form (POST)	

This is the result, when pressing the OK button

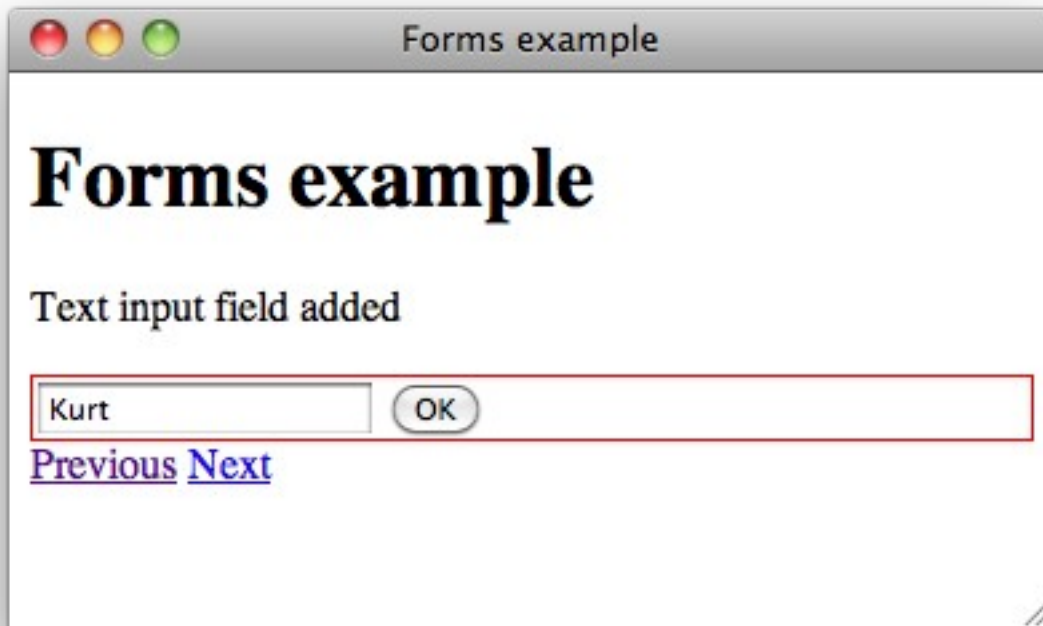
Textfield added

A screenshot of a code editor window titled 'forms_01.html'. The editor shows HTML code for a form example. The code is as follows:

```
15  
16 <body>  
17   <h1>Forms example</h1>  
18   <p>Text input field added</p>  
19   <form action="http://babylon.lyngbyes.dk/aka">  
20     <input type="text" name="firstName" value="" />  
21     <input type="submit" name="okButton" value="OK" />  
22   </form>  
23   <a href="forms_00.html">Previous</a>  
24   <a href="forms_02.html">Next</a>  
25 </body>  
26
```

The editor has a status bar at the bottom showing 'Line: 24 Column: 37', 'HTML' as the file type, 'Tab Size: 2', and 'CSS: form'.

and submitted...



Forms example

Text input field added

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Query String (GET)	
firstName	Kurt
okButton	OK

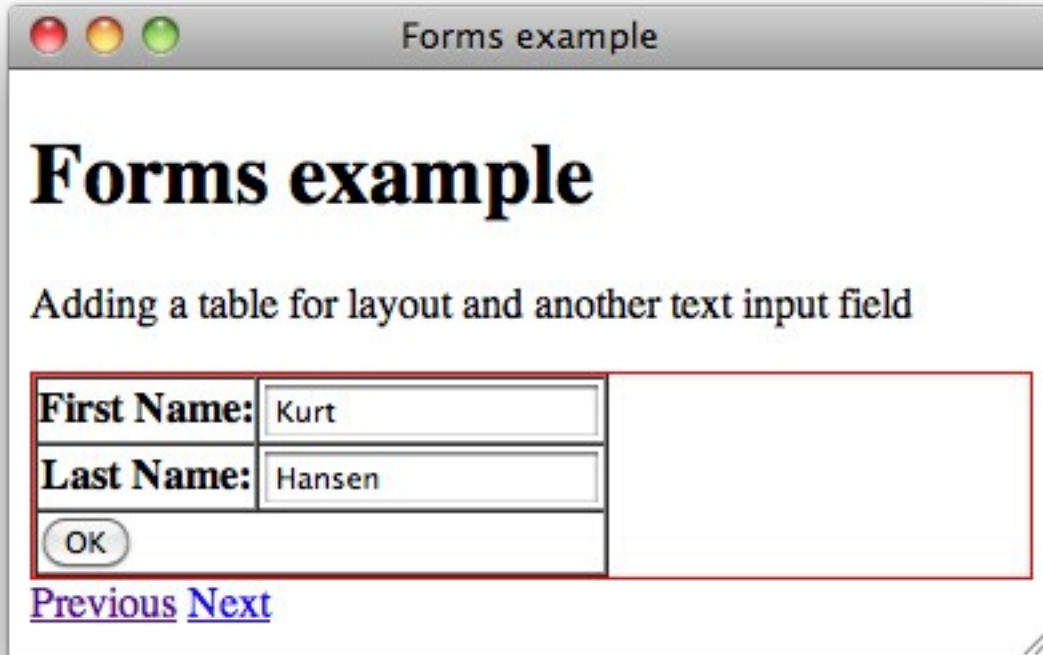
Form (POST)

Adding a table for "smarter" layout

```
forms_02.html
16 <body>
17   <h1>Forms example</h1>
18   <p>Adding a table for layout
19     and another text input field</p>
20   <form action="http://babylon.lyngbyes.dk/aka">
21     <table border="1" cellspacing="0" cellpadding="0">
22       <tr>
23         <th>First Name:</th>
24         <td><input type="text" name="firstName" value="" /></td>
25       </tr>
26       <tr>
27         <th>Last Name:</th>
28         <td><input type="text" name="LastName" value="" /></td>
29       </tr>
30       <tr>
31         <td colspan="2">
32           <input type="submit" name="okButton" value="OK" />
33         </td>
34       </tr>
35     </table>
36   </form>
37   <a href="forms_01.html">Previous</a>
38   <a href="forms_03.html">Next</a>
39 </body>
```

Line: 36 Column: 14 HTML Tab Size: 2 CSS: form

What more can you wish for



The screenshot shows a web browser window with the title "Forms example". Inside the window, there is a heading "Forms example" and a paragraph "Adding a table for layout and another text input field". Below this, there is a form with a table structure. The table has two rows: "First Name:" with the value "Kurt" and "Last Name:" with the value "Hansen". Below the table is an "OK" button. At the bottom of the window, there are two links: "Previous" and "Next".

Forms example

Adding a table for layout and another text input field

First Name:	Kurt
Last Name:	Hansen
<input type="button" value="OK"/>	

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Query String (GET)	
firstName	Kurt
lastName	Hansen
okButton	OK

Form (POST)	
-------------	--

Changing method

URL has to be complete, to use post

```
16 <body>
17   <h1>Forms example</h1>
18   <p>Changing the submit method from the default get
19     to post</p>
20   <form
21     |action="http://babylon.lyngbyes.dk/aka/default.aspx"
22     |method="post"
23     >
24     <table border="1" cellspacing="0" cellpadding="0">
25       <tr>
26         <th>First Name:</th>
27         <td><input type="text" name="firstName" value="" /></td>
28       </tr>
29       <tr>
30         <th>Last Name:</th>
31         <td><input type="text" name="LastName" value="" /></td>
32       </tr>
33       <tr>
34         <td colspan="2">
35           <input type="submit" name="okButton" value="OK" />
36         </td>
37       </tr>
38     </table>
```

Line: 21 Column: 9 HTML Tab Size: 2 CSS: form

Forms example

Forms example

Changing the submit method from the default get to post

First Name:	<input type="text" value="Sonja"/>	
Last Name:	<input type="text" value="Nielsen"/>	
<input type="button" value="OK"/>		

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Query String (GET)	
Form (POST)	
firstName	Sonja
lastName	Nielsen
okButton	OK

Dropdown box

```
forms_04.html
20 <form
21   action="http://babylon.lyngbyes.dk/aka/default.aspx"
22   method="post"
23   >
24   <table border="1" cellspacing="0" cellpadding="0">
25     <tr>
26       <th>Title:</th>
27       <td>
28         <select name="title">
29           <option value="MR">Mr.</option>
30           <option value="MRS">Mrs.</option>
31           <option value="MS" selected="selected">Ms.</option>
32         </select>
33       </td>
34     </tr>
35     <tr>
36       <th>First Name:</th>
37       <td><input type="text" name="firstName" value="" /></td>
38     </tr>
39     <tr>
40       <th>Last Name:</th>
41       <td><input type="text" name="LastName" value="" /></td>
42     </tr>
```

Line: 34 Column: 16 HTML Tab Size: 2 CSS: form

```

<select name="title">
  <option value="MR">Mr.</option>
  <option value="MRS">Mrs.</option>
  <option
    value="MS"
    selected="selected"
  >Ms.</option>
</select>

```

*No attributes
without values!*

Query String (GET)

Form (POST)

title	MS
firstName	Sonja
LastName	Nielsen
okButton	OK

Passwords

forms

34

<tr>

35

<th>First Name:</th>

36

<td><input type="text"

37

</tr>

38

<tr>

39

<th>Last Name:</th>

40

<td><input type="text"

41

</tr>

42

<tr>

43

<th>Password:</th>

44

<td><input type="password" name="password" /></td>

45

</tr>

Line: 54 Column: 22 HTML Tab Size: 2 CSS: form

Forms example

Forms example

Passwords are text input fields with a twist.

Title:	Mrs.	
First Name:	Jannie	
Last Name:	Olsen	
Password:	
OK		

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Form (POST)	
title	MRS
firstName	Jannie
lastName	Olsen
password	secret
okButton	OK

Passwords are sent in clear text :-)


```

47      <tr>
48          <th rowspan="3">Nice gift:</th>
49          <td><input type="radio" name="gift" value="1" />Sports Car</td>
50      </tr>
51      <tr>
52          <td><input type="radio" name="gift" value="2" />Bicycle</td>
53      </tr>
54      <tr>
55          <td><input type="radio" name="gift" value="2" />Orange</td>
56      </tr>

```

Line: 63 Column: 14 HTML

Query String	
Form (POST)	
title	MRS
firstName	Jannie
lastName	Olsen
password	secret
gift	2
okButton	OK

Forms example

Adding a radio button for choosing a nice gift.

Title:	Mrs.
First Name:	Jannie
Last Name:	Olsen
Password:
Nice gift:	<input type="radio"/> Sports Car <input type="radio"/> Bicycle <input checked="" type="radio"/> Orange
OK	

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Sometimes no radiobutton is pressed, this is null-pointer material!

Query String	
Form (POST)	
title	MRS
firstName	Søren
lastName	Henriksen
password	even more secret
okButton	OK

Forms example

Adding a radio button for choosing a nice gift.

Title:	<input type="text" value="Mrs."/>
First Name:	<input type="text" value="Søren"/>
Last Name:	<input type="text" value="Henriksen"/>
Password:	<input type="password" value="....."/>
Nice gift:	<input type="radio"/> Sports Car <input type="radio"/> Bicycle <input type="radio"/> Orange
<input type="button" value="OK"/>	

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No "gift" key in the result!!!

```

57      <tr>
58          <th>I am:</th>
59          <td>
60              <input type="checkbox" name="virtues" value="smart"/>Smart<br/>
61              <input type="checkbox" name="virtues" value="witty"/>Witty<br/>
62              <input type="checkbox" name="virtues" value="adorable"/>Adorable
63          </td>
64      </tr>

```

Line: 62 Column: 66 HTML Tab Size: 2

Checkbox values are comma separated

Query String (GET)	
Form (POST)	
title	MS
firstName	Jannie
lastName	Olsen
password	secret
gift	2
virtues	witty,adorable
okButton	OK

Forms example

Forms example

Putting some check boxes on the form. Maybe we can learn something about the user.

Title:	Ms. <input type="button" value="v"/>
First Name:	<input type="text" value="Jannie"/>
Last Name:	<input type="text" value="Olsen"/>
Password:	<input type="password" value="....."/>
Nice gift:	<input type="radio"/> Sports Car
	<input type="radio"/> Bicycle
	<input checked="" type="radio"/> Orange
I am:	<input type="checkbox"/> Smart
	<input checked="" type="checkbox"/> Witty
	<input checked="" type="checkbox"/> Adorable
<input type="button" value="OK"/>	

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```
64 <tr>
65 <td colspan="2">
66 <input type="submit" name="okButton" value="OK" />
67 <input type="submit" name="noGiftButton" value="OK, but no gift" />
68 <input type="reset" value="Clear Values" />
69 </td>
70 </tr>
```

Line: 68 Column: 32 HTML Tab Size

Query String

Form (POST)

title	MR
firstName	Johnny
lastName	Smith
password	42
gift	1
virtues	smart,witty,adorable
noGiftButton	OK, but no gift

Only the pressed button is send!
Resetting clears all fields

Forms example

Some extra buttons increases functionality

Title:	<input type="text" value="Mr."/>
First Name:	<input type="text" value="Johnny"/>
Last Name:	<input type="text" value="Smith"/>
Password:	<input type="password"/>
Nice gift:	<input checked="" type="radio"/> Sports Car <input type="radio"/> Bicycle <input type="radio"/> Orange
I am:	<input checked="" type="checkbox"/> Smart <input checked="" type="checkbox"/> Witty <input checked="" type="checkbox"/> Adorable
<input type="button" value="OK"/> <input type="button" value="OK, but no gift"/> <input type="button" value="Clear Values"/>	

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