

## Html Form Tags

- HTML forms are a means of collecting information.
- For something to be done with the information, it must be sent somewhere.
- Information processing destinations can be
  - JavaScript
  - Functions
  - mailto: links
  - web page (which directs the browser to load the page at the specified URL).

- **Form Tag:**

```
<Form action="-----" method="GET/POST" enctype="---">
-----
</Form>
```

- **Attributes:**

- **Action**=”*javascript function/email link/webpage url*”

- Specifies where the information will be sent
    - Example:
      - action=”javascript:SomeFunction()”
      - action=<mailto:name@domain.com>
      - action=<mailto:name@domain.com?subject=My%20Subject>
      - action=<http://newdomain.com/page.html> (requires GET method)

- **method**=”*GET/POST*”

- **GET Method:** To send information via a browser URL

- Eg. For url :-

<http://domain.com/handler.cgi?color=red&shape=round>

- the part **after the question mark** is information sent to handler.cgi
      - Multiple information chunks are separated with an **ampersand**.
      - This can send only a limited amount of information.so it is used to send only short data.
      - Information being sent is visible in the browser’s address bar.

## **Post Method:**

- The information is not sent via the URL. The sending is invisible to the site visitor.
- The POST method can send much more information than the typical GET method.

### **o EncType="-----"**

- information will be encoded before sending it
  - o enctype="application/x-www-form-urlencoded" (default)
  - o enctype="multipart/form-data" ( if form contains File Upload)
  - o enctype="text/plain"

<b>name</b>	<i>text</i>	Specifies the name of a form
<b>novalidate</b>	novalidate	Specifies that the form should not be validated when submitted
<b>target</b>	_blank _self _parent _top	Specifies where to display the response that is received after submitting the form

o

- **Form Related Tags:** The <form> element can contain one or more of the following form elements:

- o <input>
  - o name="my\_tag\_name" type="\_\_\_\_\_"
  - o type="submit", Value="Click Me!" name="\_\_"
  - o type="text", size="17" maxlength="44" name="\_\_"
  - o type="password" name="P" size="9" maxlength="20"
  - o type="checkbox"
    - <input type="checkbox" name="c\_red" value="yes" CHECKED>
  - o type="radio"

<b>Element</b>	input
<b>Description</b>	Radio button (inline)
<b>Syntax</b>	<input type="radio" name="group" value="param" /> text

```
<input type="radio" name="color" value="red" /> Red
<input type="radio" name="color" value="green" /> Green
<input type="radio" name="color" value="purple"
      checked="checked" /> Purple
<input type="radio" name="color" value="blue" /> Blue
```

- <input type="radio" name="color" value="red" CHECKED>
- o type="hidden"

- <input type="hidden" name="something" value="A line of content">
- o type="reset"
  - <input type="reset" value="Erase Everything!">
- o type="button"
  - <input type="button" value="Give me a message" onClick="return alert('a message')">
- o type="image"
  - <input type="image" name="—" src="—" border="—">
  - All other image attributes can be used
- <textarea>
  - <TEXTAREA name="—" cols="—" rows="—" >
  - </textarea>
- o <button>
- o <select>,<OPTION> - Dropdown list box,
  - size – no. of options visible,
  - multiple-> select multiple
    - 
    - <select name="—" size="—" multiple>
 <option value="1"> First</option>
 <option value="2" selected> Second</option>
 .....
 • </select>
- o <optgroup>
- o <fieldset>
- o <label>

## Labels

<b>Element</b>	label
<b>Description</b>	Clickable text label for a control (inline)
<b>Syntax 1</b>	<label> <b>control and label text</b> </label>
<b>Syntax 2</b>	<label for=" <b>id of control</b> "> <b>label text</b> </label>

Control	Example
Text Box	<input type="text" value="Enter your name here."/>
Text Area	<input type="text" value="Type your comments here."/>
Button	<input type="button" value="Push my buttons!"/>
Check Boxes	<input type="checkbox"/> Morning <input type="checkbox"/> Afternoon <input type="checkbox"/> Evening
Radio Buttons	<input checked="" type="radio"/> Pick Up <input type="radio"/> Delivery
Drop-down Menu	<input type="text" value="The Godfather"/> <input type="button" value="▼"/>
List Box	<input type="listbox" value="Brooklyn"/> Manhattan Queens <input type="button" value="▲"/> <input type="button" value="▼"/>

**Figure 6.1** HTML user interface controls

## **Frames:**

```
<HTML>
<HEAD>
<TITLE>Sample </TITLE>
</HEAD>
<FRAMESET COLS="25%,*">
<FRAME SRC="pageone.html">
<FRAME SRC="pagetwo.html">
</FRAMESET>
</HTML>

<FRAMESET ROWS="75%,*">
<FRAME SRC="pageone.html">
<FRAME SCR="pagetwo.html">
</FRAMESET>
```

