**FORM ELEMENTS**

Note1: use **<input>** element for textboxes, radio buttons, checkboxes, submit, reset.

Note2: To help you recall which attributes are needed for each element, I list the first initial of each in a **box** in the attributes column.

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| **element** | **attributes**  abbrevs: **t** = type, **i** = id, **n** = name, **v** = value | **sample code and how it renders** |
| form  use <form> | **ni** other: **action, method** | <form name="myForm" id="myForm" action="mailto:perel@ecc.edu" method="post"></form> |
| textbox  (*input box*4) | **tni** other: **size**, **maxlength** (= max # characters)  **n** and **i** name the field  **v** usually omitted; it is what the user types into the box;  **t** omitted when type=“text” is the default | Last Name:  ex: Last Name: <input **type="text"** name=“lastName” id =“lastName” />  ex: Last Name: <input name=“lastName” id =“lastName” /> |
| radio buttons | **tniv** other: **checked=“checked”** 1  **n** – names the field (name for the group of option buttons)  **i** and **v** name each individual field value | year:  freshman sophomore  ex: <input **type=“radio”** name=“year” id=“fresh” value=“fresh” />  ex: <input **type=“radio”** name=“year” id=“soph” value=“soph” /> |
| checkboxes | **tni**  other: **checked=“checked”** 1  **n** and **i** name the field (where each checkbox is a field)  **v** is usually omitted 2 | pick a color: red blue  ex: <input **type=“checkbox”** name=“red” id=“red” />  (value=”On” by default) |
| submit button  reset button | **tv**  **v** is text that appears on button | <input **type=“submit”** value=“Submit” />  <input **type=“reset”** value=“Clear” /> |
| Selection list  use:  <select> w/ <option>’s | **ni** –in select tag:  **n** and **i**– name the field (name for the list of options)  other: **size, multiple=“multiple”** 3**, selected=“selected”**1(**size** is the # of list items showing)  **v**-names each individual field value (each list option) | <select name=”states” id=”states”>  <option value=“NY”>NY</option>  <option value=“FL”>FL</option>  etc.  </select> |
| textarea  use <textarea> | **ni** other: **rows, cols**  **n** and **i** name the field; **rows** =# of lines (default 3), **cols** =chars (default 20) | <textarea name=“comments” id=“comments”></textarea> |

Footnotes:

1. **checked=“checked”** makes that button or option appear pre-checked. **selected=“selected”** is similar.

2.. Suppose for a checkbox, name=”red”. (1) If value=”yes” is included in the input tag, and red IS selected, then the pair red/yes is sent to server. If red is NOT selected, no pair is sent to server. If value is left off it will have default value of “On”.

3. **multiple=“multiple”**  - allows user to select multiple items on the list using the CTRL key

4. input box also has type=“*value”* where *value* can be email, tel, url or date

5. id is optional

The name and value attributes:

**name** – names the field

-- For checkbox, the **name** describes each individual checkbox and **value**=“On” by default

-- For radio buttons, the **name** describes the group of buttons and **value** describes each individual button

**value** – names the value of the field

-- For textbox, and textarea value is what the user types into the box

-- For buttons, value is the text appearing on the button

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| element | Session | page number | section in e-text |
| textbox | 7.1 | 510 | 7-5 |
| radio buttons | 7.2 | 537 | 7-13 |
| checkboxes | 7.2 | 540 | 7-14 |
| select | 7.2 | 531 | 7-12 |
| textarea | 7.2 | 542 | 7-15 |
| submit & reset | 7.3 | 556 | 7-20b |

Carey 6 book.