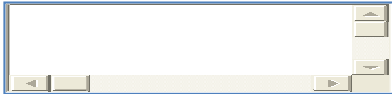# FORM ELEMENTS

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.

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	[Submit] \<input **type="submit"** value="Submit" /\> [Clear] \<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)
		State: NY ▼
		
		\<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

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.