
Announcements

❖ PHP Scripts activated

- ❑ <http://www.turtle.cs.umd.edu/classes/passport/formsSummaryGet.html>
- ❑ <http://www.turtle.cs.umd.edu/classes/passport/formsSummaryPost.html>

Handling ERRORS

- ❖ We can detect errors by using `window.onerror`
- ❖ **Example:** `ErrorHandler.js`, `Error.html`
- ❖ Let's introduce some errors in `Error.html`

Function Prototypes

- ❖ What is a function prototype?

null and undefined

- ❖ null – indicates no value
- ❖ undefined
 - ❖ Value associated with uninitialized variables.
 - ❖ Value associated with object properties that do not exist.
- ❖ == considers null and undefined equal
- ❖ === considers null and undefined different

Switch Statement

- ❖ Type of conditional statement
- ❖ **Example:** Switch.html

HTML FORM Elements

- ❖ Regarding the name property
 - ❖ The name property is used by servers to process the data.
 - ❖ Most of the time we will set the name and id attributes to the same value.

CheckBoxes

- ❖ Allow us to make a selection.
- ❖ Defined by using type="checkbox"
- ❖ We can tell whether an entry is selected by using the "checked" property.
 - ❖ true → entry has been selected
- ❖ Default selection by using checked="checked"
- ❖ **Example:** Checkboxes.html

Radio Buttons

- ❖ Exist in groups and only one can be checked in a group.
- ❖ Defined by using type="radio".
- ❖ We defined the radio buttons to be in the same group by using the same name for all of them.
- ❖ Note: Do not use the same value for name and id.
- ❖ Default selection by using checked="checked"
- ❖ We access the elements using arrays
- ❖ document.getElementsByName → returns array
- ❖ **Example:** Checkboxes.html

Drop-DOWN/Scrollable LISTS

- ❖ Defined using the `<select>` tag (not the `<input>` tag).
- ❖ `<option>` tag to specify possible options.
- ❖ To define a default choice use:
`selected="selected"`
- ❖ The ***multiple*** attribute in `<select>` allows for selection of multiple items (usually displayed as a multiple-selection list)
- ❖ **Example:** DropDownList.html
- ❖ **Example:** ScrollableList.html

TEXT AREAS

- ❖ Allows user to input more than one line of information.
- ❖ We use the `<textarea>` tag
- ❖ ***rows*** and ***cols*** attributes define the text area.
- ❖ Default text (if any) appears between the `<textarea>` and `</textarea>` tags.
- ❖ **Example:** TextArea.html

Web Servers

- ❖ How can we have our own web server?