

ANNOUNCEMENTS

- ❖ No posting of code in the forum
- ❖ Check class announcements daily
- ❖ Quiz Today

SEPARATING CONTENT FROM BEHAVIOR

- ❖ Keep each of the following separate
 - ❖ Content (HTML)
 - ❖ Presentation (CSS)
 - ❖ Behavior (JavaScript)
- ❖ Separating HTML and JavaScript
 - ❖ Use src attribute of `<script>`
 - ❖ Place the `<script></script>` in `<head>`
 - ❖ **Example:** folder named *Separation*

ADVANTAGES OF SEPARATION

- ❖ Simplifies HTML files (removes large segments of JavaScript code)
- ❖ Functions can be cached by the browser for efficiency
- ❖ Code sharing/reuse → Function used by several pages can be kept in a single file

USE OF JAVASCRIPT IN WEB PAGES

- ❖ Unobtrusive JavaScript → programming paradigm specifying that JavaScript should not intrude on users accessing a web page, on HTML content, or CSS Stylesheets
- ❖ Goals
 - ❖ Keep JavaScript code separate from HTML
 - ❖ Scripts are enhancements to HTML content, but the content should be available without JavaScript
- ❖ You should design web pages so they operate even if JavaScript is disabled

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
 - ❖ It is used when submitting data to a server

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:** RadioButtons.html