<script> tag

JavaScript code placed within HTML <script> tag.

Two relevant tag attributes:
- **type** (required)—MIME type of script contained within tag. Traditionally set to "text/javascript" even though officially deprecated.
- **src** (optional)—URL of an external JavaScript file to be loaded.

- External JavaScript files typically use .js extension, but not required.
- If src is specified, no additional code can be contained within the block.
<script> tag

Two properly formed script tags:

```html
<script type="text/javascript" src="lib.js"></script>

<script type="text/javascript">
  window.alert("Hello");
</script>
```

http://einstein.etsu.edu/~pittares/CSCI3110/examples/1-1.htm
http://einstein.etsu.edu/~pittares/CSCI3110/examples/1-2.htm
http://einstein.etsu.edu/~pittares/CSCI3110/examples/1-3.htm

<script> tag placement options

Place tags within _______________ to keep code blocks together and to ease maintenance.
Body not processed until script(s) downloaded and processed, potentially slowing page display.

Place tags as ______________________.

Place tags within _______________ to script tag.

```html
<script type="text/javascript" src="js.js" defer="defer">
</script>
```

http://einstein.etsu.edu/~pittares/CSCI3110/examples/1-4.htm
http://einstein.etsu.edu/~pittares/CSCI3110/examples/1-5.htm
<script> tags containing <

< embedded within a script causes browser problems.
Universal solution:

```
<script type="text/javascript">
  //<![CDATA[
    ...
  //]]>
</script>
```

Above only needed with inline JavaScript.

<noscript>

Code (HTML) placed within a noscript block only executed if the user's browser does not support scripting or if scripting is turned off.

```
<noscript>
  <p>If you loved me, you'd turn on scripting</p>
</noscript>
```
Closing script block thoughts

Inline code or load from external? When possible load from external.

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