







<div data-bbox="131 197 253 302">Bookmarks</div> <div data-bbox="152 348 412 1667"><ul style="list-style-type: none">▶ Module 0: Introduction▶ Module 1: Creating Web Pages using Hypertext Markup Language (HTML)▼ Module 2: Creating Sophisticated Document Structures using HTMLCapturing User InputHTML5 Semantic ElementsScalable Vector Graphics (SVG)Implementing Media ControlsHomeworkAssessment Assessment Questions </div>	<div data-bbox="461 184 1471 247">Module 2: Creating Sophisticated Document Structures using HTML > Assessment > Assessment</div> <div data-bbox="1304 289 1492 352">Bookmark</div> <div data-bbox="461 384 513 426">#1</div> <div data-bbox="461 485 1463 680"><p>(10 points possible)</p><p>You have designed a web page that allows users to update their profile information. As part of their profile users must write a bio that is at least 1000 characters long. The bio input field should allow the user to write multiple paragraphs of text including line breaks.</p><p>Which HTML element would you ideally use for this scenario?</p><div data-bbox="466 808 1492 1226"><div><input type="radio"/> select</div><div><input type="radio"/> button</div><div><input type="radio"/> p</div><div><input checked="" type="radio"/> textarea </div></div></div> <div data-bbox="461 1325 1492 1577"><div>EXPLANATION</div><p>The textarea element renders a multi-line text input control. This control allows the user to enter large quantities of text that may wrap and span across multiple lines.</p></div> <div data-bbox="480 1635 919 1667"><p><i>You have used 2 of 2 submissions</i></p></div>
<div data-bbox="152 1740 412 1942"><ul style="list-style-type: none">▶ Module 3: Design Web Pages Elements using Cascading Style</div>	<div data-bbox="461 1740 513 1782">#2</div> <div data-bbox="461 1841 1325 1915"><p>(10/10 points)</p><p>You have the following input element in your HTML document:</p></div>

Sheets (CSS)

- ▶ Module 4:
Implementing
Program Flow
using JavaScript
- ▶ Module 5:
Adding
External
Libraries to
Enhance HTML
Applications
- ▶ Wrap-Up

```
<input type="text" />
```

You would like to change this element so that it will allow users to upload their .PNG image files.

For the type attribute of this element, what should you use for the new value?

☒ type="file" ✓

☐ type="upload"

☐ type="image"

☐ type="submit"

EXPLANATION

The "file" type renders a field for file selection and a Browse button to select the file on the client device.

You have used 1 of 2 submissions

#3

(10/10 points)

You have an HTML form with the following ****select**** element:

```
<form>
```

```
<select>
```

```
</select>
```

```
</form>
```

You would like to add multiple choices for the user in this drop-down list.

Which HTML element should you use within the select element for the various user choices?

☐ choice

☒ option ✓

☐ input

☐ button

EXPLANATION

The select element renders a drop-down list with multiple options. A user can select one of the options. This element contains child option elements that allow you to designate (for each option) a value to be shown to the user and a value to be saved when the form is saved.

You have used 1 of 2 submissions

#4

(10/10 points)

You have a web page that shows details about various historical events. This page includes multiple images that are included within figure semantic elements.

You have been tasked with updating these figure elements to include descriptive text. You wish to use the correct element within the figure element to semantically indicate that the text describes the image in the figure.

Which element should you use?

☐ div

☐ p

☒ figcaption ✓

☐ caption

EXPLANATION

The figcaption element is used for text that describes the image in the figure element.

You have used 1 of 2 submissions

#5

(10/10 points)

You have a blog web page with various blog posts that you have shared over the years.

For each blog post, you would like to display the date that the blog was posted. You would like to use a HTML element that is machine-readable allowing you to specify the exact date, time and time-zone for each blog post. This element should also allow you to only display the date part of this information in the browser.

Which HTML element could you use for this task?

☐ figure

☐ aside

☐ header

☒ time ✓

EXPLANATION

The time element simply renders its child content to the browser without any modification. You can use this to display the date. The time element also includes a datetime attribute that allows you to include more-specific data that is machine-readable.

You have used 1 of 2 submissions

#6

(10 points possible)

You have a web page for a community organization that you are currently developing.

You would like to include all of the content of this web page (navigation bar, notices, text content, header and footer) in semantic HTML elements so that you do not need to individually explain to future developers how the site is structured. You do not wish to use typical HTML container elements as they do not have semantic meaning and will require you to write more comments, notes and documentation for future developers.

Which of the following HTML elements are semantic elements? Select all that apply.

☐ div

☒ header ✓

☐ aside ✓

☐ span

☒ nav ✓

☒ article ✓

☐ p

EXPLANATION

There are many HTML5 semantic elements including: header, footer, aside, nav, article and many others.

You have used 2 of 2 submissions

#7

(10/10 points)

You are developing a multimedia web page where upcoming artists can share video and audio samples.

You need to create elements on your web page to display both audio and video clips for various artists.

Which HTML elements can you use for this task? Select the two that apply.

☐ input

☒ video ✓

☐ figure

☒ audio ✓

☐ media



EXPLANATION

Out of the box, HTML5 supports basic multimedia playback with a new set of media elements that are supported cross-browser. These media elements allow you to specify video/audio sources, along with some parameters to play video or audio directly on your HTML page.

You have used 1 of 2 submissions

#8

(10/10 points)

You have a portfolio web page for your consultancy that shows various details about your past projects.

One of your projects has a highlight video that you would like to play for users that visit your web page. So far you have written the following HTML:

```
<video autoplay="autoplay">
```

```
</video>
```

Your goal is to provide the video in enough formats to support the widest possible number of browsers. You need to add a specific HTML element within the video element that refers to the same video in different formats.

Which HTML element should you use?

☒ source ✓

☐ option

☐ select

☐ media

EXPLANATION

You can always define multiple sources for the video or audio control to handle the most browsers possible using the source element.

You have used 1 of 2 submissions

#9

(10/10 points)

You have a SVG element on your web page that uses a circle element.

You would like to draw a circle with a radius of 200 pixels.

Which attribute of the circle element should you use?

☐ radius

☐ width

☒ r ✓

☐ length

EXPLANATION

The r attribute of the circle element sets the radius of the circle.

You have used 1 of 2 submissions

#10

(10/10 points)

You have a SVG element on your web page that uses a rectangle element.

You would like to set the radius of the corners of the rectangle.

Which attributes of the rectangle element could you use? Select the two that apply.

☒ rx ✓

☐ radius

☐ r

☒ ry ✓

☐ corner

☐ turn



EXPLANATION

The rx and ry attributes set the radius of the respective corners.

You have used 1 of 2 submissions

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