




## Welcome to HTML, CSS, and Javascript for Web Developers!


### Development Environment Setup


### HTML Basics


 Lecture 1: What is HTML? 7 min


 **Practice Quiz:**  
Optional Practice Quiz 1 question


 Lecture 2: Relevant History of HTML 10 min

 **Practice Quiz:**  
Optional Practice Quiz 2 questions

 Lecture 3: Anatomy of an HTML Tag 5 min

 **Practice Quiz:**  
Optional Practice Quiz 1 question

 Lecture 4: Basic HTML Document Structure 6 min

 **Practice Quiz:**  
Optional Practice Quiz 6 questions

### Practice Quiz

## Optional Practice Quiz

1 Question

To complete, earn at least 100%.

Start Quiz





## Optional Practice Quiz

1/1 points earned (100%)



Excellent!

Retake

Next



1. The **core** purpose of HTML is to

(hint: something a pure text file with content won't be able to accomplish)

1 / 1  
points

- ☐ Display web page content to the user
- ☒ Communicate the structure of the content

**Correct**


HTML defines content structure.


- ☐ Tell the browser how to position and align content in the browser window
- ☐ Tell the browser what should happen once the page is loaded


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Optional Practice Quiz 6 questions

### Practice Quiz

## Optional Practice Quiz

2 Questions

To complete, earn at least 100%.

Start Quiz



## Optional Practice Quiz

2 questions

Submit Quiz



1  
point

1. W3C (World Wide Web Consortium) is the only organization that dictates what and how browsers should implement HTML5

- ☐ True
- ☐ False

1  
point

2. WHATWG does NOT version HTML. For them, it's **NOT** HTML5. It's just HTML.

- ☐ True
- ☐ False

2 questions unanswered

Submit Quiz







# Optional Practice Quiz

2/2 points earned (100%)



Excellent!

Retake

Next



1 / 1  
points

1. W3C (World Wide Web Consortium) is the only organization that dictates what and how browsers should implement HTML5

☐ True

☒ False

**Correct**

WHATWG organization plays a large role as well.



1 / 1  
points

2. WHATWG does NOT version HTML. For them, it's **NOT** HTML5. It's just HTML.

☒ True

**Correct**


For WHATWG, it's just HTML because they are constantly innovating.


☐ False


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Optional Practice Quiz 6 questions

### Practice Quiz

## Optional Practice Quiz

1 Question

To complete, earn at least 100%.

Start Quiz



# Optional Practice Quiz

1 question

Submit Quiz



1  
point

1. **ALL** HTML5 tags must

- ☐ Have an opening tag
- ☐ Have a closing tag
- ☐ Have at least 1 attribute

☐ Be lower case, i.e.,

1 ▾ <p>

not

1 ▾ <P>

☐ Have an 'id' attribute

Submit Quiz



# Optional Practice Quiz

1/1 points earned (100%)



Excellent!

Retake

Next



1. ALL HTML5 tags must

1 / 1  
points

☒ Have an opening tag

Correct

That's the only requirement from this list.

☐ Have a closing tag

Un-selected is correct

☐ Have at least 1 attribute

Un-selected is correct

☐ Be lower case, i.e.,

1 x `<p>`

not

1 x `<P>`



1 / 1  
points☒ Have an opening tag**Correct**

That's the only requirement from this list.

☐ Have a closing tag**Un-selected is correct**☐ Have at least 1 attribute**Un-selected is correct**☐ Be lower case, i.e.,

1 ▾ &lt;p&gt;

not


1 ▾ &lt;P&gt;


**Un-selected is correct**☐ Have an 'id' attribute**Un-selected is correct**


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 **Practice Quiz:**  
Optional Practice Quiz 6 questions

### Practice Quiz

## Optional Practice Quiz

6 Questions

To complete, earn at least 100%.

Start Quiz



## Optional Practice Quiz

6 questions

Submit Quiz



1  
point

1. Identify correct HTML5 page declaration(s)

☐

1 `<html-document>`

☐

1 `<!DOCTYPE html>`

☐

1 `<!doctype html>`

☐

1 `<!doctype html>`

☐

1 `<!doctype html5>`

☐

1 `<!DocTyPe htML >`

1  
point

2. What would happen if you didn't specify the HTML5 declaration?

1  
point

2. What would happen if you didn't specify the HTML5 declaration?

- ☐ Nothing. HTML5 is very liberal about its declaration and it's only a recommendation to use it
- ☐ The browser will revert to the previous version of HTML automatically
- ☐ The page will be interpreted in quirks mode
- ☐ The page will not display at all

1  
point

3. Browsers ALWAYS interpret HTML sequentially, top to bottom

- ☐ True
- ☐ False

1  
point

4. Identify invalid HTML code snippet below (assume code around it, i.e., declaration, etc. is valid)

- ☐

```

1 <div>Hey there!
2
3 I am just a lonely quiz answer. Will you click me? I am bored!
4
5 </div>
```
- ☐

```

1 <section>
2 <p>The sale numbers are in...
3 </section> You ARE a closer, Johnson!
4 </p>
```
- ☐

```

1 <article>
2 <h2>Wow!
3 </h2>
4 <p>You're ignoring all the other answers just to
```



1  
point

4. Identify invalid HTML code snippet below (assume code around it, i.e., declaration, etc. is valid)

☐

```
1 <div>Hey there!
2
3 I am just a lonely quiz answer. Will you click me? I am bored!
4
5 </div>
```

☐

```
1 <section>
2 <p>The sale numbers are in...
3 </section> You ARE a closer, Johnson!
4 </p>
```

☐

```
1 <article>
2 <h2>Wow!
3 </h2>
4 <p>You're ignoring all the other answers just to
5 look at me?! I AM special!
6 ...
7 Wait! Where are you going?
8 What if I AM the answer you've been searching for???!
9 </p>
10 </article>
```

☐

```
1 <div><span>Will you just tag along with me?</span></div>
```

1  
point

5. Meta tags communicate information about the browser to the server

☐

True

☐

False

1  
point

6. Quirks Mode is when the browser



```
3 </h2>
4 <p>You're ignoring all the other answers just to
5 look at me?! I AM special!
6 ...
7 Wait! Where are you going?
8 What if I AM the answer you've been searching for???!
9 </p>
10 </article>
```



```
1 <div><span>Will you just tag along with me?</span></div>
```

1  
point

5. Meta tags communicate information about the browser to the server



True



False

1  
point

6. Quirks Mode is when the browser



Can become unstable and crash in the middle of rendering a web page



Assumes that the HTML in the web page is NOT following the HTML standard, i.e., not in standards mode. Styles won't work correctly, etc.



This is a made up term. No such thing

5 questions unanswered

Submit Quiz



# Optional Practice Quiz

6/6 points earned (100%)



Excellent!

Retake

Next



1. Identify correct HTML5 page declaration(s)

1 / 1  
points



1 `<html-document>`

Un-selected is correct



1 `<!DOCTYPE html>`

Correct



1 `<!doctype html>`

Un-selected is correct



1 `<!doctype html>`

Correct

Correct



```
1 <!doctype html5>
```

Un-selected is correct



```
1 <!DocTyPe hTML >
```

Correct

Can be lower case or upper case or mixed with more than 1 space before and after 'html'.



2. What would happen if you didn't specify the HTML5 declaration?

1 / 1  
points

- ☐ Nothing. HTML5 is very liberal about its declaration and it's only a recommendation to use it
- ☐ The browser will revert to the previous version of HTML automatically
- ☒ The page will be interpreted in quirks mode

Correct

Styles won't work correctly, etc., i.e., quirks mode.

- ☐ The page will not display at all



3. Browsers ALWAYS interpret HTML sequentially, top to bottom

1 / 1  
points

☒ True

Correct

☐ False



4. Identify invalid HTML code snippet below (assume code around it, i.e., declaration, etc. is valid)

1 / 1  
points

☐

```
1 <div>Hey there!
2
3 I am just a lonely quiz answer. Will you click me? I am bored!
4
5 </div>
```

☒

```
1 <section>
2 <p>The sale numbers are in...
3 </section> You ARE a closer, Johnson!
4 </p>
```

Correct

The <section> tag is closed before the last opened tag <p>.

☐

```
1 <article>
2 <h2>Wow!
3 </h2>
4 <p>You're ignoring all the other answers just to
5 look at me?! I AM special!
6 ...
7 Wait! Where are you going?
8 What if I AM the answer you've been searching for????!
9 </p>
10 </article>
```



Correct

The <section> tag is closed before the last opened tag <p>.



```
1 <article>
2 <h2>Wow!
3 </h2>
4 <p>You're ignoring all the other answers just to
5 look at me?! I AM special!
6 ...
7 Wait! Where are you going?
8 What if I AM the answer you've been searching for???!
9 </p>
10 </article>
```



```
1 <div><span>Will you just tag along with me?</span></div>
```



5. Meta tags communicate information about the browser to the server

1 / 1  
points



True



False

Correct

Meta tags communicate information TO THE BROWSER.



6. Quirks Mode is when the browser

1 / 1  
points



Can become unstable and crash in the middle of rendering a web page



Assumes that the HTML in the web page is NOT following the HTML standard, i.e., not in standards mode. Styles won't work correctly, etc.





1 `<div><span>Will you just tag along with me?</span></div>`



5. Meta tags communicate information about the browser to the server

1 / 1  
points



True



False

**Correct**

Meta tags communicate information TO THE BROWSER.



6. Quirks Mode is when the browser

1 / 1  
points



Can become unstable and crash in the middle of rendering a web page



Assumes that the HTML in the web page is NOT following the HTML standard, i.e., not in standards mode. Styles won't work correctly, etc.

**Correct**

Assumes HTML is not to be interpreted as standards compliant.





This is a made up term. No such thing


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Optional Practice Quiz 6 questions

### Practice Quiz

## Optional Practice Quiz

2 Questions

To complete, earn at least 100%.

Start Quiz



## Optional Practice Quiz

2 questions

Submit Quiz

1  
point

1. Without applying any additional styles, the following code snippet will show up in the browser as how many lines of text? (Assume the browser is stretched wide enough not to cause any single line to wrap)

```
1 <div>Dear all,  
2 <span>I took this really cool course  
3 </span></div>  
4 <span>on Coursera.org. I think it's  
5 my favorite course I've EVER taken!  
6 Here is the URL for it:  
7 </span>  
8 <a href="...">HTML, CSS and JS for Web Developers</a>  
9 <div>  
10 Does anyone know how I can give this course 6  
11 out of 5 stars?  
12 </div>  
13 <div>  
14 Thank you,  
15 -Yaakov.... I mean a random student! Definitely not Yaakov.  
16 </div>
```

☐ 1

☐ 2

☐ 3

☐ 4

☐ 7

☐ 8

☐ 7☐ 9☐ 10

1  
point

2. Identify invalid HTML code snippet (assume code above and below this code is valid)

☐

```
1 <div>I love <span>gardening!</span></div>
```

☐

```
1 <span>I love <div>gardening</div></span>
```

☐

```
1 <a>I love <div>gardening<span>!</span></div></a>
```

☐

All are valid!

2 questions unanswered

Submit Quiz







## Optional Practice Quiz

2/2 points earned (100%)



Excellent!

[Retake](#)[Next](#)

1 / 1  
points

1. Without applying any additional styles, the following code snippet will show up in the browser as how many lines of text? (Assume the browser is stretched wide enough not to cause any single line to wrap)

```
1 <div>Dear all,  
2 <span>I took this really cool course  
3 </span></div>  
4 <span>on Coursera.org. I think it's  
5 my favorite course I've EVER taken!  
6 Here is the URL for it:  
7 </span>  
8 <a href="...">HTML, CSS and JS for Web Developers</a>  
9 <div>  
10 Does anyone know how I can give this course 6  
11 out of 5 stars?  
12 </div>  
13 <div>  
14 Thank you,  
15 -Yaakov.... I mean a random student! Definitely not Yaakov.  
16 </div>
```

- ☐ 1
- ☐ 2
- ☐ 3
- ☒ 4



☐ 3

☒ 4

Correct

☐ 7

☐ 9

☐ 10



2. Identify invalid HTML code snippet (assume code above and below this code is valid)

1 / 1  
points

☐

1 `<div>I love <span>gardening!</span></div>`

☒

1 `<span>I love <div>gardening</div></span>`

Correct

This is invalid because 'span', which is an inline element, can NOT contain a 'div', which is a block-level element.

☐

1 `<a>I love <div>gardening<span>!</span></div></a>`

☐

All are valid!