

Module quiz: Interactive CSS

1. Which of the following describes the CSS selector `[href~="dog"]` ?

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- ☐ Select all elements with the href attribute where the value starts with the word dog
- ☒ Select all elements with the href attribute where the value contains the word dog
- ☐ Select all elements with the href attribute where the value ends with the word dog

☒ Correto

Correct. The `|` character used with an attribute selector will select values whose value contain the specified value.

2. If you modify the second CSS selector mentioned to 'div + p' with the properties remaining the same, which of the <p> tags will have a change in color? Select all that apply.

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HTML Code:

```
1
2 <div>
3   <p>alpha</p>
4 </div>
5 <p>beta</p>
6
```

CSS code:

```
1
2 div p {
3   color: red;
4 }
5 div p {
6   color: blue;
7 }
8
```

- ☒ Both alpha and beta
- ☐ Neither alpha nor beta
- ☐ Only alpha
- ☐ Only beta

☒ Correto

Correct. The `+` character refers to the first element after the div, which is beta. The 'alpha' will change from blue to red color and the 'beta' will change from black to blue

3. Which of the following CSS selectors is suitable for selecting an element that is a child of another element? Select all that apply.

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- ☐ Descendant Selector
- ☒ Pseudo-class Selector

☒ Não deve ser selecionado

Not quite. Review the item "Combination selectors" in Lesson 2, "CSS selectors".

- ☐ Child Selector

4. True or false. The following CSS code will change the color of paragraph elements to red.

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```
1
2 /*
3 p { color: red; }
4 */
5
```

- ☒ False
- ☐ True

✓ Correto

Correct. The CSS rule is commented out and therefore it will not be applied.

5. An element with the property set as 'position: absolute' is placed relative to the parent (or ancestor) element, not the viewport.

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☒ True

☐ False

✓ Correto

Correct. That's the right answer!

6. You want to set the font-size of an element relative to the font-size of the root HTML element. Which of the following is the appropriate unit of measurement?

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☐ em

☒ rem

☐ px

✓ Correto

That's correct! The rem unit is relative to the font-size of the root element.

7. Which of the following display CSS property values will result in a block-level element? Select all that apply.

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☐ inline-grid

☒ grid

✓ Correto

That's correct! The grid value will result in a block-level element in the web page layout.

☒ flex

✓ Correto

That's correct! The flex value will result in a block-level element in the web page layout.

☐ none

8. Which of the following rules inside the @keyframes is valid code for moving an item by 100px from top to bottom, assuming elements have an absolute position. Select all that apply.

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☒ from {bottom:100px;} to {bottom:0px;}

✓ Correto

Correct. You can use the top or bottom property to make the changes.

☐ from {top:0px;} to {bottom:100px;}

☒ from {top:0px;} to {top:100px;}

✓ Correto

Correct. You can use the top or bottom property to make the changes.

☐ None of the above

9. @mixin and @includes are NOT REQUIRED to be used inside which of the following?

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☐ SCSS

☐ SASS

☒ Stylus CSS

✓ Correto

That's right! You can bypass the use of @mixin and @includes directives in Stylus CSS and use the functionality directly

10. You're developing a website and another developer noticed that your CSS contains errors. Which of the following will help resolve CSS errors?

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☒ Inspect the web page using the browser developer tools

✓ Correto

That's correct! Developers tools do help trace errors during development if browsers are used.

☒ Install and use a linter

✓ Correto

That's correct! A linter will validate that your CSS contains no errors.

☐ Review CSS selectors used and ensure that they are more specific