CSS (Cascading Style Sheet)

1. CSS Animation

Which of the following would create the below animation? Moving the mouse over the div should double its size, and the animation should happen over 500 ms.

A screen shot of a computer

Description automatically generated

**.greyBall:hover {transform: scale(2); transition: 500 ms transform; }**

**.greyBall:hover {transform: scale(2); transition: 0.5s;}**

1. CSS object-fit

A screen shot of a computer

Description automatically generated

Which of the following are true about the CSS property ‘object-fit’?

‘object-fit: contain;’ does not preserve the aspect ratio of the image; it stretches the image to cover the entire width and height of the container.

**‘object-fit: contain;’ preserves the aspect ratio of the image and makes sure no clipping happens to the whole image**

**‘object-fit: cover;’ avoids the image getting squeezed, but it could end up clipping the image.**

‘object-fit: cover;’ avoids clipping the image by sacrificing the aspect ratio

1. CSS Ellipsis

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If an element extends beyond the allocated width, how do you truncate the sentence with an ellipsis (…) using CSS?

For example, “Hello! I am an element, and my width is larger than the container…”

{white-space: pre-wrap; overflow: ellipsis;}

{text-overflow: ellipsis; white-space:wrap;visibility:hidden;}

**{white-space:nowrap; overflow:hidden; text-overflow: ellipsis;}**

None of the above

1. CSS Text Coloring

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Which of the following renders the text red?

:root { --text-color: red;} p { color: --text-color;}

:root { --text-color: red;} p {color: var(--text--color);}

**#tagId {color: red; } p {color: blue;}**

**p {color : red !important;} #tagId {color: blue;}**

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1. CSS Selection

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How do you prevent the user from selecting the text rendered inside the following element?

<p> I should not be selectable </p>

p {cursor-event: none;}

p {pointer-events: none;}

**p {user-select: none;}**

None of the above

A screenshot of a computer program

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1. CSS Input Placeholder

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How do you hide the “placeholder” text of an <input> field?

input::placeholder {visibility: clip;}

**input::placeholder{color: transparent;}**

input::placeholder{display:none;}

input::placeholder{visibility: hidden;}

1. CSS Centering

A screenshot of a computer

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Which of the following options can position the div with the class name “child” exactly at the center of the page?

.parent {display: flex; justify-content: center; align-items: center;}

.parent{ display: flex; justify-content: center; align-self: center;}

.parent{position: relative;}.child{position: absolute; top: 50%; left: 50%;}

**.parent{position: relative;}.child{position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);}**

A screenshot of a computer

Description automatically generated

8.CSS vertical align

A screenshot of a computer

Description automatically generated

Which of the following are true about the CSS property ‘vertical-align’?

.heroWord{vertical-align: 25px;} moves the word “Hack” to the bottom, 25px lower than the <p> tag

.heroWord{vertical-align: 25px;} moves the word “Hack” to the top, 25px higher than the <p> tag.

**p img {vertical-align: text-bottom;} moves the image to the bottom with respect to the <p> tag**

p img {vertical-align: text-bottom; } has no effect on the <img> tag.

A screenshot of a computer code

Description automatically generated