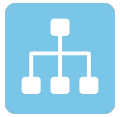
CSS Animation

Relevel
by Unacademy

Content

Video



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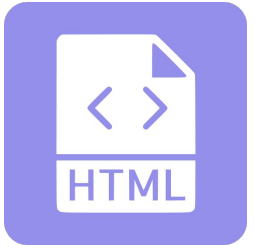
Adding Videos to HTML

- HTML5 videos are easy to add to your pages, and you can also style videos.
- We will be using iframe tag of HTML, which essentially is used for displaying a web page within a web page.



Tables in HTML

- HTML tables allow us to arrange elements into various rows & columns.
- Each table cell is defined by a <td> and a </td> tag.
- Similarly, each table row starts and ends with <tr> and a </tr> tag.

Responsive Design

- As more diverse screen sizes emerged on web-enabled devices, the concept of Responsive Web Design (RWD) emerged: a set of methods that allow web pages to change the layout and look of their web pages. them to suit their needs, adapting to different screen widths, resolutions, etc.

- Responsive Web Design is about using HTML and CSS to automatically resize, hide, shrink, or enlarge, a website, to make it look good on all devices (desktops, tablets, and phones). In the early days of web design, pages were built to target a particular screen size. If the user had a larger or smaller screen than the designer expected, results ranged from unwanted scrollbars to overly long line lengths, and poor use of space.

Responsive Design

- As more diverse screen sizes became available, the concept of *responsive web design* (RWD) appeared, a set of practices that allows web pages to alter their layout and appearance to suit different screen widths, resolutions, etc. It is an idea that changed the way we design for a multi-device web, and in this article, we'll help you understand the main techniques you need to know to master it.

- Many things can be checked with media queries, including the width and height of the viewport.
- The device's width and height (is the tablet/phone in landscape or portrait mode?) resolution

Responsive Design

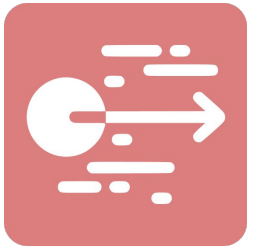
- Using media queries to distribute a customised style sheet to desktops, laptops, tablets, and mobile phones is a popular method (such as iPhone and Android phones).

Animation

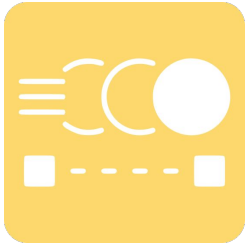
- We can use CSS for animating HTML elements, similar to the ones we see on Google on special occasions.
- The animation-duration property specifies how long it should take for an animation to complete. Because the default value for the animation-duration parameter is 0s, no animation will occur if it is not given (0 seconds).
- The animation-delay property specifies the delay for the start of an animation.

Animation

- Animation-iteration-count- Number of times the animation should run
- Animation-direction: In which direction should the animation go(forward or backward).
- Animation-timing-function: To determine the speed curve of the animation.
- When the animation is not playing, the animation-fill-mode attribute sets a style for the target element.



Keyframes

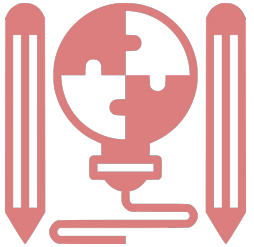


- When we use the @keyframes rule to define CSS styles, the animation will transition from the existing style to the new style over time.

- But we must connect an animation to an element in order for it to work.

Homework:

- Expand the Media Gallery app to have the images pop when hovered upon.



THANK YOU