CSS

What is the new features in CSS?

a lot of new features and additions, like **rounded corners, shadows, gradients, transitions or animations**, as well as new layouts like multi-columns, flexible box or grid layouts

What is the flexbox?

The Flexible Box Module, usually referred to as flexbox, was designed as a one-dimensional layout model, and as a method that could offer space **distribution between items** in an interface and powerful alignment capabilities.  
...  
**justify-content**

1. flex-start.
2. flex-end.
3. center.
4. space-around.
5. space-between.
6. space-evenly.

What is the box model?

The **CSS Box Model** ... In **CSS**, the term "**box model**" is used when talking about design and layout and it have the content, padding, border , margin

What is the difference between flex and grid?

Grid and flexbox. The basic difference between CSS Grid Layout and CSS Flexbox Layout is that **flexbox was designed for layout in one dimension** - either a row or a column. Grid was designed for two-dimensional layout - rows, and columns at the same time.

What is the sudo class and sudo elements?

A CSS pseudo-class is **a keyword added to a selector that specifies a special state of the selected element(s)**. For example, :hover can be used to change a button's color when the user's pointer hovers over it.

A CSS pseudo-element is **a keyword added to a selector that lets you style a specific part of the selected element(s)**. For example, ::first-line can be used to change the font of the first line of a paragraph

What is the css specificity?

an **element is targeted by an ID selector and a class selector**. In that case, because the ID selector has the higher specificity, the CSS style of the ID selector will be applied to the element over the style of the class selector

What is the Opacity?

The opacity property in CSS specifies **how transparent an element is**. ... Values are a number from 0 to 1 representing the opacity of the channel (the “alpha” channel). When an element has a value of 0 the element is completely invisible; a value of 1 is completely opaque (solid

What is the z-index?

CSS layer refer to applying z-index property to element that overlap to another element. ... CSS z-index property always work with absolute as well as relative positioning value. CSS z-index possible value 0, positive (1 to **9999**) and negative (-1 to -9999) value to set an element.

What are the difference between relative and absolute?

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**Relative :** Relative to it’s current position, but can be moved. Or A RELATIVE positioned element is positioned relative to ITSELF.

**Absolute :** An ABSOLUTE positioned element is positioned relative to IT'S CLOSEST POSITIONED PARENT.

* static.
* relative.
* fixed.
* absolute.

How can you achieve responsive by using css?

1 – The layout. When building a responsive website, or making responsive an existing site, the first element to look at is the layout. ...

2 – Medias. A responsive layout is the first step to a fully responsive website. ...

3 – Typography.: Typography is **all about style, proportions, and spacing**. Good typography is not only imperative for aesthetic appeal, but it also improves site usability when text legibility and readability concepts are applied

The @media CSS at-rule can be used to apply part of a **style sheet based on the result of one or more media queries**. With it, you specify a media query and a block of CSS to apply to the document if and only if the media query matches the device on which the content is being used

How do you declare the variable in css?

The **<var> tag** is used to defines a variable in programming or in a mathematical expression. The content inside is typically displayed in italic.  
...  
Definition and Usage.

|  |  |
| --- | --- |
| **Tag** | **Description** |
| <code> | Defines a piece of computer code |
| <samp> | Defines sample output from a computer program |
| <kbd> | Defines keyboard input |

What is the transition?

CSS transitions **provide a way to control animation speed when changing CSS properties**. Instead of having property changes take effect immediately, you can cause the changes in a property to take place over a period of time.

div {

transition: <property> <duration> <timing-function> <delay>;

}

What is the Animation?

CSS animations make **it possible to animate transitions from one CSS style configuration to another**. Animations consist of two components, a style describing the CSS animation and a set of keyframes that indicate the start and end states of the animation's style, as well as possible intermediate waypoints

What is the preprocessor?

A preprocessor is **a program that takes one type of data and converts it to another type of data**. In the case of HTML and CSS, some of the more popular preprocessor languages include Haml and Sass . Haml is processed into HTML and Sass is processed into CSS.

What is the Boostrap?

Bootstrap is **a free and open source front end development framework for the creation of websites and web apps**. ... In computers, the word bootstrap means to boot: to load a program into a computer using a much smaller initial program to load in the desired program.