-[How can you create a responsive image that scales with the screen size?](https://medium.com/@komeil.mehranfar/part-1-40-advanced-html-interview-questions-with-answers-and-code-examples-b2053aac3d14#9255)

The max-width: 100%; property ensures that the image's width does not exceed the width of its container.

The height: auto; property maintains the aspect ratio of the image, preventing it from stretching.

[How can you embed a YouTube video in HTML?](https://medium.com/@komeil.mehranfar/part-1-40-advanced-html-interview-questions-with-answers-and-code-examples-b2053aac3d14#60ff)  
To embed a YouTube video in HTML, you can use the <iframe> element and include the YouTube video's embed code.

What is the purpose of the DOCTYPE declaration in HTML?

Explain the difference between <div> and <span> elements in HTML.

How do you embed a video in HTML? Provide an example code snippet.

What is the significance of the alt attribute in the <img> tag?

Explain the difference between the <em> and <strong> tags in HTML.

What is semantic HTML, and why is it important for web development?

How can you create a hyperlink that opens in a new tab?

What is the purpose of the HTML <meta> tag?

Explain the difference between HTML id and class attributes.

Describe the Box Model in CSS and its components.

How do you center an element horizontally and vertically in CSS?

What is the importance of the z-index property in CSS?

Explain the difference between position: relative, position: absolute, and position: fixed in CSS.

How can you create a responsive design using CSS media queries?

What is the CSS specificity and how is it calculated?

How does the display: flex property work in CSS for layout?

What is the difference between margin and padding in CSS?

Explain the CSS box-sizing property and its possible values.

How can you implement CSS animations and transitions?

What is Bootstrap, and what are its key features?

How do you include Bootstrap in your project?

Explain the grid system in Bootstrap.

What is the purpose of the Bootstrap navigation bar component?

How can you customize the Bootstrap theme to match your project's design?

What is the difference between the container and container-fluid classes in Bootstrap?

How does the Bootstrap carousel component work?

Explain the significance of Bootstrap's responsive utility classes.

What is the purpose of the Bootstrap modal component, and how do you implement it?

How can you integrate third-party libraries with Bootstrap?

∘ [11- How can you create a dropdown menu in HTML?](https://medium.com/@komeil.mehranfar/part-2-40-advanced-html-interview-questions-with-answers-and-code-examples-dacf4dd386a1#f0e1)  
∘ [12- Explain the purpose of the placeholder attribute in “input” tags.](https://medium.com/@komeil.mehranfar/part-2-40-advanced-html-interview-questions-with-answers-and-code-examples-dacf4dd386a1#7be6)  
∘ [13- How can you set the default checked state for a checkbox or radio button in HTML?](https://medium.com/@komeil.mehranfar/part-2-40-advanced-html-interview-questions-with-answers-and-code-examples-dacf4dd386a1#b43f)  
∘ [14- What is the purpose of the required attribute in form input fields?](https://medium.com/@komeil.mehranfar/part-2-40-advanced-html-interview-questions-with-answers-and-code-examples-dacf4dd386a1#e0a8)  
∘ [15- How can you create a table with HTML?](https://medium.com/@komeil.mehranfar/part-2-40-advanced-html-interview-questions-with-answers-and-code-examples-dacf4dd386a1#2069)  
∘ [16- Explain the purpose of the target attribute in ‘a’ tags.](https://medium.com/@komeil.mehranfar/part-2-40-advanced-html-interview-questions-with-answers-and-code-examples-dacf4dd386a1#4e58)  
∘ [17- How can you create a hyperlink that sends an email when clicked?](https://medium.com/@komeil.mehranfar/part-2-40-advanced-html-interview-questions-with-answers-and-code-examples-dacf4dd386a1#143f)  
∘ [18- What is the purpose of the “iframe” tag in HTML?](https://medium.com/@komeil.mehranfar/part-2-40-advanced-html-interview-questions-with-answers-and-code-examples-dacf4dd386a1#812a)  
∘ [19- How can you disable an input field in HTML?](https://medium.com/@komeil.mehranfar/part-2-40-advanced-html-interview-questions-with-answers-and-code-examples-dacf4dd386a1#550c)  
∘ [20- Explain the purpose of the element in HTML5.](https://medium.com/@komeil.mehranfar/part-2-40-advanced-html-interview-questions-with-answers-and-code-examples-dacf4dd386a1#bc47)

* What is responsive design, and why is it important?
* How can you make a website responsive using media queries?
* What is the CSS Grid layout system, and how does it work?
* How can you create a grid layout using CSS Grid?
* How can you align grid items within a CSS Grid layout?
* What is the purpose of the fr unit in CSS Grid?
* How can you create nested grids using CSS Grid?
* How can you create a masonry layout using CSS Grid?
* How can you create a sticky footer using CSS Grid?
* How can you control the order of grid items using CSS Grid?