

1. What is the purpose of the class attribute in HTML?
2. How does the id attribute differ from the class attribute?
3. Can two HTML elements share the same class name? Explain with an example.
4. Why should the id attribute be unique on a web page?
5. Write an HTML example where a paragraph uses both class and id.
6. How do you apply CSS to an element with a specific id?
7. How do you apply the same style to multiple elements using a class?
8. What is the <nav> tag used for in HTML?
9. List three types of links that are typically included inside a <nav> section.
10. Write an example of a navigation bar using the <nav> tag and anchor (<a>) tags.
11. What is the purpose of the <section> tag in HTML5?
12. When should you use <section> instead of <div>?
13. Write a small HTML structure with a <header>, <nav>, <section>, and <footer>.
14. Can you nest a <section> tag inside another <section>? If yes, why?

15. What is semantic HTML, and how do `<nav>` and `<section>` contribute to it?

16. How do screen readers and search engines benefit from the use of id, class, and semantic tags?

17. Write a simple HTML page that has:

A nav bar with links

A section with a title and paragraph

Unique id and class values

18. What happens if you mistakenly assign the same id to multiple elements?

19. Can you use multiple class names in one HTML element? How?

20. How would you style a `<section>` element differently from a `<div>` in CSS?