

# HTML



## 1. Can we display a web page inside a web page or Is nesting of webpages possible?

Yes, we can display a web page inside another HTML web page. HTML provides a tag `<iframe>` using which we can achieve this functionality.

```
<iframe src="url of the web page to embed" />
```

## 2. What are tags and attributes in HTML?

Tags are the primary component of the HTML that defines how the content will be structured/ formatted, whereas Attributes are used along with the HTML tags to define the characteristics of the element. For example, `<p align="center">Interview questions</p>`, in this the 'align' is the attribute using which we will align the paragraph to show in the center of the view.

## 3. What are void elements in HTML?

HTML elements which do not have closing tags or do not need to be closed are Void elements. For Example `<br />`, `<img />`, `<hr />`, etc.

## 4. What is the advantage of collapsing white space?

In HTML, a blank sequence of whitespace characters is treated as a single space character, Because the browser collapses multiple spaces into a single space character and this helps a developer to indent lines of text without worrying about multiple spaces and maintain readability and understandability of HTML codes.

## 5. What are HTML Entities?

In HTML some characters are reserved like '<', '>', '/', etc. To use these characters in our webpage we need to use the character entities called HTML Entities. Below are a few mapping between the reserved character and its respective entity character to be used.

| Character                      | Entity Name                         | Entity Number |
|--------------------------------|-------------------------------------|---------------|
| <                              | &lt;                                | &#60;         |
| >                              | &gt;                                | &#62;         |
| &                              | &amp;                               | &#38;         |
| (non-breaking space) Eg. 10 PM | &nbsp; Eg. <p>10&nbsp;&nbsp; PM</p> | &#160;        |

## **6. What is the 'class' attribute in HTML?**

The class attribute is used to specify the class name for an HTML element. Multiple elements in HTML can have the same class value. Also, it is mainly used to associate the styles written in the stylesheet with the HTML elements.

## **8. What is the difference between the 'id' attribute and the 'class' attribute of HTML elements?**

Multiple elements in HTML can have the same class value, whereas a value of id attribute of one element cannot be associated with another HTML element

