

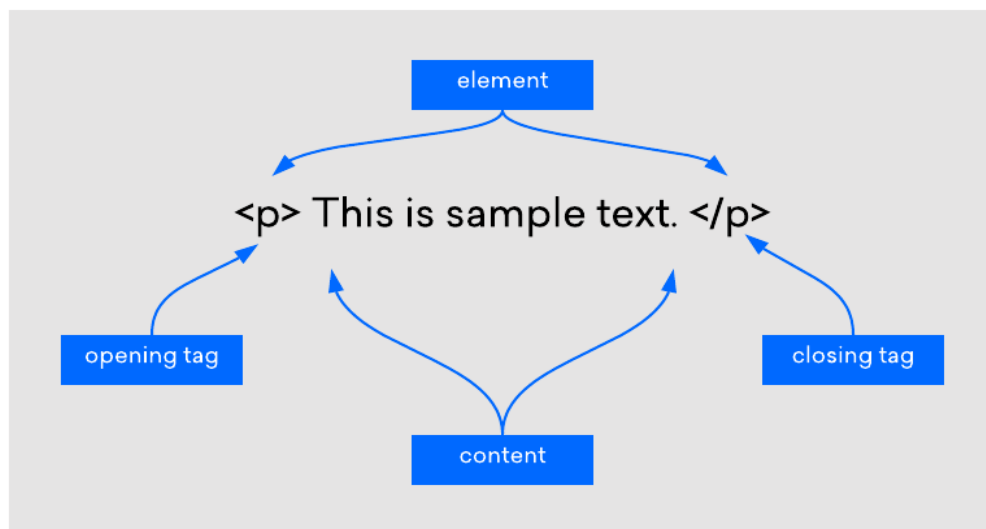
Assignment question for html and css

1. what is element
2. id and classes in html page
3. diff between id and classes
4. can we use two classes in same element
5. can we use two id in same element
6. in same page can we use id and classes two times
7. diff between html css and js
8. can we use condition in html, css and js

Answer to question no. 1

Element

An HTML element is a component of an HTML document that tells a web browser how to structure and interpret a part of the HTML document. HTML elements can contain formatting instructions, semantic meaning, and content.



Answer to question no. 2

Class

The class is an attribute which specifies one or more class names for an HTML element. The class attribute can be used

on any HTML element. The class name can be used by CSS and JavaScript to perform certain tasks for elements with the specified class name.

Example:-

```
<!DOCTYPE html>
<html>
<head>
<style>
.note {
  font-size: 120%;
  color: red;
}
</style>
</head>
<body>

<h1>My <span class="note">Important</span> Heading</h1>
<p>This is some <span class="note">important</span> text.</p>

</body>
</html>
```

Id

The HTML id attribute is used to specify a unique id for an HTML element.

You cannot have more than one element with the same id in an HTML document.

Example:-

```
<!DOCTYPE html>
<html>
<head>
<style>
#myHeader {
  background-color: lightblue;
  color: black;
  padding: 40px;
  text-align: center;
}
</style>
</head>
<body>

<h1 id="myHeader">My Header</h1>

</body>
</html>
```

Answer to question no. 3

Difference Between Class and ID

A class name can be used by multiple HTML elements, while an id name must only be used by one HTML element within the page:

Example:-

```
<style>
/* Style the element with the id "myHeader" */
#myHeader {
  background-color: lightblue;
  color: black;
  padding: 40px;
  text-align: center;
}

/* Style all elements with the class name "city" */
.city {
  background-color: tomato;
  color: white;
  padding: 10px;
}
</style>

<!-- An element with a unique id -->
<h1 id="myHeader">My Cities</h1>

<!-- Multiple elements with same class -->
<h2 class="city">London</h2>
<p>London is the capital of England.</p>

<h2 class="city">Paris</h2>
<p>Paris is the capital of France.</p>

<h2 class="city">Tokyo</h2>
<p>Tokyo is the capital of Japan.</p>
```

Answer to question no. 4

Yes,

Multiple classes can be applied to a single element in HTML and they can be styled using CSS.

Example:-

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <title>
    How to apply two CSS classes
    to a single element ?
  </title>

  <style>
    .para {
      font-size: larger;
      margin-bottom: 35px;
      background-color: lightgreen;
    }

    .second_para {
      color: red;
    }
  </style>
</head>

<body>
  <p class="para">
    Hello there.
  </p>

  <p class="para second_para">
    Welcome to Webkorps
  </p>
</body>

</html>
```

Answer to question no. 5

NO,
You can only have one ID per element.

Answer to question no.6

You can only have one ID per element, but you can indeed have more than one class. But don't have multiple class attributes; put multiple class values into one attribute.

Answer to question no.6

- [HTML](#): a language that determines how documents and web pages are displayed in a web browser, the language for the building blocks of any website.
- [CSS \(Cascading Style Sheets\)](#): a popular style sheet language that determines how a document created in HTML is styled (colors, font styles, layout and responsive features).
- [Javascript](#): allows you to change CSS and HTML elements on your website after the site has been loaded, which gives you the ability to make your site more interactive and engaging for users.

Answer to question no.7

You'll need to use javascript or css to conditionally display html in other browsers. Other than that, you cannot use if statements in HTML, as it is a markup language and not a programming language. You need to do it either server side or with Javascript.