

Q.8

What is the difference between `<figure>` tag and `<img>` tag?

\* The `<img>` tag is used to display a single image, while the `<figure>` tag is used to group related content, like images, along with caption. `<figure>` provide a semantic way to associate a description with the content, ~~where~~ whereas `<img>` is solely for displaying an image.

Q.9

The difference between HTML tags and attributes is

\* HTML tags define the structure and semantics of elements, while attributes provide additional info or modify the behavior of those element.

Global attributes like

class:- specifies one or more class-name to

id:- Assigns a unique identifier to an element for targeting with CSS or JS

style:- Defines inline CSS styles for an element.

title:- provides additional information about an element when hovering over it.



Q3

## Difference between HTML Tags and Elements?

\* HTML tags are instructions that define different parts of a webpage enclosed in angle brackets. HTML elements consist of opening tags, content and closing tags, tags provide instructions, while elements are complete units representing content. Tags define, element ~~represent~~ represent.

### \* HTML Tags:

→ `<p>`, `<h1>`, `<div>` and `<img>`

### \* HTML Elements:

`<p>` : This is a paragraph `</p>`

Q4 HTML5 offers several advantages over its previous version.

- \* New and improved tags and elements.
- \* Enhanced multimedia support.
- \* Improved form handling and validation.
- \* Better mobile device support.
- \* Offline storage capabilities.
- \* Improved accessibility features.
- \* Simplified code structure.



Q1 `<!DOCTYPE html>` is it a tag of html? if not what is ~~the~~ and why do we use it?

\* No, `<!DOCTYPE html>` is not a tag in HTML. It is called a document type declaration, or doctype for short. It is used to specify the version of HTML that the web page is written in.

\* In simple terms:- Think of the doctype declaration as a way of telling web browsers, "Hey, this is the type of HTML that I'm using, so please display it properly". It sets the foundation for the rest of the HTML code to be understood and correctly by the browsers.

Q2 Explain semantic tags in html? And why do we need it.

\* Semantic tags in HTML are special elements that provide meaning and structure to the content of a web page. They are designed to describe the purpose and significant of the content they wrap around. Examples of semantic tags include `<header>`, `<nav>`, `<article>`, `<section>`, `<footer>` and more.