* **HTML META-TAG:**

We use <meta> tag to specify important keywords related to the document and later these keywords are used by the search engines while indexing your webpage for searching purposes.

HTML <meta> tag lets us specify metadata, which is additional important information about a document, in a variety of ways. The META elements can be used to include name/value pairs describing properties of the HTML document, such as author, expiry date, a list of keywords, document author etc

**Syntax: <meta-attribute-name=”value”>**

HTML <meta>tag can be used to provide extra information. It's a self-closing element, meaning it doesn't require a closing tag but carries information within its attributes. You can include one or more meta tags in your document based on what information want to keep in your document but in general, meta tags do not impact the physical appearance of the document so from the appearance point of view, it does not matter if you include them or not.

The HTML <meta> tag defines metadata about an HTML document, including character set, description, keywords and viewpoint settings placed within the <head> element, metadata aids browsers, search engines and web services in interpreting and displacing content.

**1. Meta Charset:**

**Syntax:** <meta charset= “UTF-8”>

* Specifies the character encoding for the HTML

**2.Meta description:**

**Syntax:** <meta name=”description” content=”This is abrief description of the web page”>

* Provides a summary of the web page's content. Often used by search engines in search results.

**3. Meta Keywords:**

**Syntax:** <meta name=”keywords” content=”HTML, CSS, Java-script, meta tags”>

* Lists keywords relevant to the page's content. This tag is less important for modern search engines.

**4.Meta Author:**

**Syntax:** <meta name=”author” content=”Author name”>

* Specifies the author of the element.

**5.Meta Viewport:**

**Syntax**: <meta name=”viewportg” content=”width=device-width, intial-scale=1.0”>

* Controls the layout on mobile browsers. Essential for responsive web design.