

## HTML BASIC TAGS AND HEADING TAG

Hypertext Markup Language is commonly used language to design and develop web pages. To create a web page using HTML, you must know the basic HTML tags. Developing the HTML programs there is no special software is needed; we can write a program in any text editor like Notepad or wordpad and run a program in any web browser without any internet connection.

HTML provide us TAGS, The attributes of the tag provide the additional information such as its behaviour and properties. The content is displayed on the browser according to the properties and behaviours defined by the tag and the attributes. Following are the some advantages and disadvantages of HTML:

### ADVANTAGES AND DISADVANTAGES OF HTML:

#### **Advantages:**

- 1] **HTML** is widely used.
- 2] Every browser supports **HTML** Language.
- 3] Easy to learn and use.
- 4] Do not need to purchase any extra software because it is by default in every window.

#### **Disadvantages:**

- 1] **HTML** can create only static and plain pages so if we need dynamic pages then **HTML** is not useful.
- 2] I need to write a lot of code for making a simple webpage.
- 3] Security features are not good at **HTML**.
- 4] If we need to write long code for making a webpage then it produces some complexity.

HTML tags can be categorized into following parts on the web page:

1] Header Section and

2] Body Section

The HTML tags enclosed into the <>(Angle Brackets).The closing HTML tag enclosed into the angle bracket with /</>.

## RULES FOR CONSTRUCTING HTML PROGRAMS

1. Tags are always surrounded by angle brackets.
2. Pair tag always need closing tag for closing the effect.for <H1>-----</H1>
3. HTML is not case sensitive.
4. Always close the last starting tag first and first tag always close the last. Fro ex:  
<html>  
  <head>  
    <title>-----</title>  
  </head>  
</html>
5. Many tags have optional *attributes* that use *values* to modify the tag's behavior. The <P> (paragraph) tag's **ALIGN** attribute, for instance, lets you change the default (left) paragraph alignment. For example, <P **ALIGN=CENTER**> centers the next paragraph on the page.

## BASIC STRUCTURE OF HTML PROGRAM

```
<!DOCTYPE HTML>
<html>
<head>
  <title>This is Title</title>
</head>
<body>
  This is the body part of the page

</body>
</html>
```

- A] <!DOCTYPE HTML>: When you write the any program of HTML must specify the document type. No need to close this tag.
- B] <html>: This is the starting tag of any HTML program.It must be close at the end of the program.
- C] <head>: This tag is used to give the heading of the web page. It must be close after the Title tag.
- D] <title>: This tag is used to give the title of the web page after giving the title it must be close before head tag.
- E] <body>: This tag is used to design the web page, formatting the web page, inserting images, tables, frames etc. It should be close before close the HTML tag. Above structure follow to create the web page.

## HTML HEADING TAGS

The HTML Heading tags are used to give the heading of the any text or paragraph. HTML provides following levels of the heading tag. It is necessary to close the tag for closing the effect of the heading.

1]<H1>

2]<H2>

3]<H3>

4]<H4>

5]<H5>

6]<H6>

The first level heading i.e. <H1> is the most important heading, and the last level heading i.e. <H6> is the least important heading.

Syntax:- <H1> HEADING ONE </H1>

Example:

```
<html>
<head> This is the example of HEADING tag.
  <title> Heading Tag</title>
</head>
<body>
  <h1> Heading1 </h1>

  <h2> Heading 2</h2>

  <h3> Heading 3</h3>

  <h4> Heading 4</h4>

  <h5> Heading 5</h5>
```

<h6> Heading 6</h6>

</body>

</html>