Chapter 2: HTML Tags

HTML Tags

Tags are enclosed in angular brackets i.e. '<' and '>'.

An HTML code begins with the tag <HTML> and finishes with

</HTML>. All other tags are used between two tags.

First tag in a pair is the start tag, and the second tag is end tag.
A complete tag is called as an element.A tag has three major parts: opening tag, content and closing tag.

Syntax: <tagname>content</tagname>

There are two types of tags:

Empty tag: A tag which does not have any end tag.
Example: <hr>,

Paired tag: A tag which has starting tag as well as ending tag.
Example: <h1>content</h1>

Basic Structure of HTML

```
<!DOCTYPE html>
<html>
<head>
        <title>HTML Page</title>
</head>
<body>
        This is my first HTML Page.
  </body>
</html>
```

Output:
This is my first HTML page.

Common HTML tags

1. \<html\> : Every html file starts with \<html\> tag. This tag tells the browser that content of the file is in html format.
Syntax: \<html\>.........\</html\>

2. \<head\> : The \<head\> tag is used to indicate header area of the document.
Syntax: \<head\>.........\</head\>

3. \<title\> : The \<title\> tag is used to display text on the title bar of the browser.
Syntax: \<title\>.........\</title\>

4. <body> : The <body> tag contains actual content of the web page.
Syntax: <body>.........</body>

5. Comment tag: This tag is used to place the comments on the web page. Comments are not executed.
Syntax: <comment>.......</comment>

All the browsers do not support comment tag. So, instead of a comment tag the delimiter tag is used.
Syntax: <!-- place comment here -->

6. <h1> : This tag represents the heading.
Syntax: <h1>......</h1>

7. \<p> : This tag represents a paragraph.
Syntax: \<p>.........\</p>

HTML basic tags

1. Heading Tag

Heading tag is used to define heading in the HTML document.
HTML has six levels of heading tag, which are \<h1>, \<h2>, \<h3>, \<h4>, \<h5> and \<h6>.
Heading tags are used in any order within the HTML document.
Example: Heading Tag

```
<!DOCTYPE html>
<html>
    <head>
        <title>Example of Heading Tag</title>
    </head>
    <body>
        <h1>CareerRide Info</h1>
        <h2>CareerRide Info</h2>
        <h3>CareerRide Info</h3>
        <h4>CareerRide Info</h4>
        <h5>CareerRide Info</h5>
        <h6>CareerRide Info</h6>
    </body>
</html>
```

2. Paragraph Tag

Paragraph tag is used to create paragraph.

In this, the end tag is omitted or is optional because whenever a new paragraph starts previous paragraph is already ended.

Syntax: <p>Write content here</p>

Example: Paragraph Tag

3. Break Tag

Break tag is used to insert a line break.

It is an empty tag.

Syntax:
 or

Example: Break Tag

4. Center Tag

Center tag is used to place the content in the center of a web page.

Syntax: <center>content</center>

Example: Center Tag

5. Horizontal line (<hr> tag)

This is used to draw a horizontal line on a web page.
The <hr> tag has no end tag.