**HTML Conceptual Document**

The <!DOCTYPE html> declaration defines this document to be HTML5

* The <html> element is the root element of an HTML page
* The <head> element contains meta information about the document
* The <title> element specifies a title for the document
* The <body> element contains the visible page content

## **HTML Elements**

An HTML element usually consists of a start tag and end tag, with the content inserted in between:

<tagname>Content goes here...</tagname>

The HTML element is everything from the start tag to the end tag:

* **The <h1> element defines a** heading**.**
* **The <p> element defines a** paragraph**.**
* **HTML links are defined with the <a> tag. The link address is specified in the href attribute:**
* **In HTML, images are defined with the <img> tag.**

The <img> tag is empty, it contains attributes only, and does not have a closing tag.

The src attribute specifies the URL (web address) of the image:

**The Table tag is for creating table structure:-**

<table >  
<tr>  
 <th></th>  
  
</tr>  
<tr>  
 <td></td>  
 </tr>  
</table>

**here tr=table row;**

**th=table column header;**

**td=table column value;**

* **The <head> element is a container for metadata (data about data) and is placed between the <html> tag and the <body> tag.**

HTML metadata is data about the HTML document. Metadata is not displayed.

Metadata typically define the document title, character set, styles, links, scripts, and other meta information.

HTML Form Elements

* <input name="firstname" type="text">
* <select name="cars" size="3">  
    <option value="v1">V1</option>  
    <option value="V2">V2</option>  
  </select>
* <textarea name="message" rows="10" cols="30">  
  The content is here  
  </textarea>
* <form action="url" method=”get/post”>  
  <button type="submit" value=”submit”>   
  </form>
* <button type="button" onclick="alert('Hello World!')">Click Me!</button>
* <input type="password"> defines a password field:
* <input type="radio" name="gender" value=”V1" checked> V1<br>
* <input type="radio" name="gender" value=”V2"> V2<br>
* <input type="checkbox" name="n1" value="V1"> <br>
* <input type="date" name="d1">
* <input type="email" name="email">
* Select a file: <input type="file" name="myFile">