**Terms**

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| syntax | Rules for creating the HTML elements |
| HTML document | Consists of a DOCTYPE declaration and a document tree |
| DOCTYPE declaration | Indicates what version of HTML is being used |
| document tree | Contains the HTML elements |
| HTML element | Define the content and structure of a web page |
| root element | Html element which contains a head element and a body element,head element provides information about the page and body provides the structure |
| opening tag | Includes the tag name |
| closing tag | Includes tag name preceded by a slash |
| empty tag | Elements have no content |
| nested elements | Include opening tag and a closing tag with content between these tags |
| attribute | Can be coded in an opening tag to supply optional value,consists of a name of attributes,an equal sign,and the attribute value |
| Boolean attribute | Represent either an on or off value |
| comment | Can be used to describe or explain a portion of code |
| comment out | Using for comment out a portion of HTML code |
| white space | Consists of characters like tab,line return and exta spaces that are ignored by browser.using for indent and align your code |
| rule set | Consists of a selector and a declaration block |
| selector | Identifies the HTML elements that are going to be formatted |
| declaration block | Set contains one or more declarations that do the formatting |
| declaration | Consists of a property, a colon, a value and a semicolon |
| rule | Consists of a property, a colon, a value and a semicolon |
| property | Property can contains the default value or the value a user type in |
| value | A part of attribute |
| type selector | Selector select by element |
| template | When you start a new HTLM or CSS where you start from ,similar to the new file you are going to creat |
| testing | Run HTML on all of the browsers |
| debugging | Discover problems |
| HTML validation | Use a program or website to detect error in HTML file |
| CSS validation | Use a program or website to detect error in CSS file |