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| ExperimentNo.1 |
| PerformvariousHTMLattributesandformtagsforcreating awebpage. |
| DateofPerformance: |
| DateofSubmission: |

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**Aim:**PerformvariousHTMLattributesandformtagsforcreatingawebpage.

**Objective:**UtilizationofHTMLtagsandattributesforunderstandingoftheimplementation.

**Theory:**

HTML (Hypertext Markup Language) is the standardlanguageforcreatingwebpages.It usestagstostructurecontentandattributestoprovideadditionalinformationaboutelements. BelowisanoverviewofsomecommonHTMLtagsandattributes:

CommonHTMLTags StructuralTags:

<html>:TherootelementofanHTMLdocument.

<head>:Containsmeta-informationaboutthedocument,suchastitleandlinkstoscriptsand stylesheets.

<title>:Setsthetitleofthedocument,showninthebrowser'stitlebarortab. <body>:ContainsthecontentoftheHTMLdocument. TextFormattingTags:

<h1>to<h6>:Headings,with<h1>beingthehighest(mostimportant)leveland<h6>the lowest.

<p>:Paragraph. <br>:Linebreak. <strong>:Boldtext. <em>:Italictext. <a>:Anchor(link). <ul>:Unorderedlist. <ol>:Orderedlist. <li>:Listitem. <div>:Divisionorsection.

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<span>:Inlinecontainerfortext. MediaTags:

<img>:Embedsanimage. <audio>:Embedsaudiocontent. <video>:Embedsvideocontent. FormTags:

<form>:Definesaform. <input>:Definesaninputcontrol. <textarea>:Definesamulti-linetextinputcontrol. <button>:Definesaclickablebutton. <select>:Definesadrop-downlist. <option>:Definesanoptioninadrop-downlist. TableTags:

<table>:Definesatable. <tr>:Definesatablerow. <td>:Definesatablecell. <th>:Definesatableheadercell. CommonHTMLAttributes GlobalAttributes:

id:Specifiesauniqueidforanelement.

class:Specifiesoneormoreclassnamesforanelement. style:SpecifiesaninlineCSSstyleforanelement. title:Providesadditionalinformationaboutanelement(displayedasatooltip). SpecificAttributes:

href:SpecifiestheURLofalink(usedwith<a>).

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src:SpecifiestheURLofanimage(usedwith<img>),audio(usedwith<audio>),orvideo (usedwith<video>).

alt:Providesalternativetextforanimage(usedwith<img>). type:Specifiesthetypeofinputelement(usedwith<input>). value:Specifiesthevalueofaninputelement(usedwith<input>and<button>). name:Specifiesthenameofaninputelement(usedwith<input>,<textarea>,<select>,etc.). placeholder: Provides ahintthatdescribestheexpectedvalueofaninputfield(usedwith <input>and<textarea>).

readonly:Specifiesthataninputfieldisread-only(usedwith<input>and<textarea>). disabled:Specifiesthataninputelementshouldbedisabled(usedwith<input>,<button>, etc.).

**Conclusion:**

HyperText Markup Language(HTML)ispopularamongdevelopers,especiallythosewho work in the web design world. It is not a case-sensitive language because ofwhichitis developer-friendly.

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