**Box Model Activity**

**Instructions:**

Figure out if the element is inline or block-level. Justify your answer by running a code that satisfies each of the scenario below. Write a snippet of the code you used to prove your answer in the tables below and a brief explanation of why you considered it inline or block-level.

**Example:**

1. Observing how its default width behaves

|  |  |  |
| --- | --- | --- |
| Element | Display (inline or block) | Test Code and Comments |
| h1 | block | <h1 style=”background-color:red”>Hello</h1>  **Background color spanned the whole width of h1’s parent container (body element)** |

B. Adjusting its height

|  |  |  |
| --- | --- | --- |
| Element | Display (inline or block) | Test Code Comments |
| small | inline | <small style=”background:blue;height:20px”>Hi</small>  **The 20px height did not reflect on the element** |

Tip: You can use the background or border properties to outline elements. For padding and margins, use your browser’s developer tool.

1. Observing how its default position behaves

|  |  |  |
| --- | --- | --- |
| **Element** | **Display (inline or block)** | **Test Code and Comments** |
| 1. strong | inline | <strong style="background-color: green; height: 30px;">  Strong  </strong>  **The color green only affected the text and the 20px height did not reflect on the element** |
| 1. input (password) | inline | <input type="input" name="input" style="background-color: green; height: 30px;">  **The 30px height and the green color only affected the input box** |
| 1. h1 | block | <h1 style="background-color: green; height: 50px;">  H1  </h1>  **The green color and the 50px height affected the whole line** |
| 1. S | inline | <s style="background-color: green; height: 30px;">  S tag  </s>  **The color only affected the text and the 30px height has no effect** |
| 1. form | block | <form style="background-color: green; height: 30px;">  Form  </form>  **The green color and the 30px height affected the whole line** |
| 1. blockquote | block | <blockquote style="background-color: green; height: 30px;">  blockquote  </blockquote>  **The green color and the 30px height affected the whole line(with margin on the left and right)** |
| 1. abbr | inline | <abbr style="background-color: green; height: 30px;">  Abbr  </abbr>  **The color only affected the text and the 30px height has no effect** |
| 1. h4 | block | <h4 style="background-color: green; height: 30px;">  H4  </h4>  **The green color and the 30px height affected the whole line** |
| 1. nav | block | <nav style="background-color: green; height: 30px;">  Nav  </nav>  **The green color and the 30px height affected the whole line** |

1. Observing how its default width behaves

|  |  |  |
| --- | --- | --- |
| **Element** | **Display (inline or block)** | **Test Code and Comments** |
| 1. h2 | block | <h2 style="background-color: green; height: 30px;">  H2  </h2>  **The green color and the 30px height affected the whole line** |
| 1. em | inline | <em style="background-color: green; height: 30px;">  Em  </em>  **The color only affected the text and the 30px height has no effect** |
| 1. ins | inline | <ins style="background-color: green; height: 30px;">  Ins  </ins>  **The color only affected the text and the 30px height has no effect** |
| 1. sup | inline | <sup style="background-color: green; height: 30px;">  Sup  </sup>  **The color only affected the text and the 30px height has no effect** |
| 1. li | block | <li style="background-color: green; height: 30px;">  Li  </li>  **The green color and the 30px height affected the whole line** |
| 1. dl | block | <dl style="background-color: green; height: 30px;">  Dl  </dl>  **The green color and the 30px height affected the whole line** |
| 1. input (email) | inline | <input type="email" name="input" style="background-color: green; height: 30px;">  **The 30px height and the green color only affected the input box** |
| 1. select | inline | <select style="background-color: green; height: 30px;">  Select  </select>  **The 30px height and the green color only affected the select box** |
| 1. footer | block | <footer style="background-color: green; height: 30px;">  Footer  </footer>  **The green color and the 30px height affected the whole line** |

1. Adjusting the height

|  |  |  |
| --- | --- | --- |
| **Element** | **Display (inline or block)** | **Test Code and Comments** |
| 1. Header | block | <header style="background-color: green; height: 30px;">  Header  </header>  **The green color and the 30px height affected the whole line** |
| 1. span | inline | <span style="background-color: green; height: 30px;">  Span  </span>  **The color only affected the text and the 30px height has no effect** |
| 1. a | inline | <a href="file:///C:/Users/user/Desktop/Alyssa/homework2/codes.html" style="background-color: green; height: 30px;">  A tag  </a>  **The color only affected the text and the 30px height has no effect** |
| 1. button | inline | <button style="background-color: green; height: 30px;">  Button  </button>  **The green color and the 30px height only affected the button** |
| 1. img | inline | <img src="../asstes/images/Image4.jpg" style="background-color: green; height: 30px;">  **The green color only affected the image** |
| 1. input (checkbox) | block | <input type="checkbox" name="input" style="background-color: green; height: 30px;">  <small>  Hi  </small>  **The green color and the 30px did not affect anything but the inline text was put under the checkbox** |
| 1. sub | inline | <sub style="background-color: green; height: 30px;">  Sub  </sub>  **The green color only affected the text and the 30px height has no effect** |
| 1. fieldset | block | <fieldset style="background-color: green; height: 30px;">  Fieldset  </fieldset>  **The green color affected the whole line** |

1. Adjusting the width

|  |  |  |
| --- | --- | --- |
| **Element** | **Display (inline or block)** | **Test Code and Comments** |
| 1. h5 | block | <h5 style="background-color: green; height: 30px;">  H5  </h5>  **The green color and the 30px height affected the whole line** |
| 1. q | inline | <q style="background-color: green; height: 30px;">  Q tag  </q>  **The color only affected the text and the 30px height has no effect** |
| 1. del | inline | <del style="background-color: green; height: 30px;">  Del  </del>  **The color only affected the text and the 30px height has no effect** |
| 1. aside | block | <aside style="background-color: green; height: 30px;">  Aside  </aside>  **The green color and the 30px height affected the whole line** |
| 1. figure | block | <figure style="background-color: green; height: 30px;">  Figure  </figure>  **The green color and the 30px height affected the whole line(with margin on the left and right)** |
| 1. input (submit) | inline | <input type="submit" name="input" style="background-color: green; height: 30px;">  **The color and the 30px height only affected the input button** |
| 1. h3 | block | <h3 style="background-color: green; height: 30px;">  H3  </h3>  **The green color and the 30px height affected the whole line** |
| 1. small | inline | <small style="background-color: green; height: 30px;">  Small  </small>  **The color only affected the text and the 30px height has no effect** |

1. Adding padding on all sides

|  |  |  |
| --- | --- | --- |
| **Element** | **Display (inline or block)** | **Test Code and Comments** |
| 1. h6 | block | <h6 style="background-color: green; height: 30px;">  H6  </h6>  **The green color and the 30px height affected the whole line** |
| 1. ol | block | <ol style="background-color: green; height: 30px;">  Ol  </ol>  **The green color and the 30px height affected the whole line** |
| 1. hr | block | <hr style="background-color: green; height: 30px;">  **The green color and the 30px height affected the whole line** |
| 1. p | block | <p style="background-color: green; height: 30px;">  P tag  </p>  **The green color and the 30px height affected the whole line** |
| 1. div | block | <div style="background-color: green; height: 30px;">  Div  </div>  **The green color and the 30px height affected the whole line** |
| 1. input (number) | inline | <input type="number" name="input" style="background-color: green; height: 30px;">  **The green color and the 30px height only affected the input box** |
| 1. ul | block | <ul style="background-color: green; height: 30px;">  Ul  </ul>  **The green color and the 30px height affected the whole line** |
| 1. table | inline | <table border="1" style="background-color: green; height: 30px;">  <tr>  <td>  column1  </td>  <td>  column2  </td>  </tr>  </table>  **The green color and the 30px height only affected the table** |

1. Adding margin on all sides

|  |  |  |
| --- | --- | --- |
| **Element** | **Display (inline or block)** | **Test Code and Comments** |
| 1. dt | block | <dt style="background-color: green; height: 30px;">  Dt  </dt>  **The green color and the 30px height affected the whole line** |
| 1. dd | block | <dd style="background-color: green; height: 30px;">  Dd  </dd>  **The green color and the 30px height affected the whole line** |
| 1. input (radio) | block | <input type="radio" name="input" style="background-color: green; height: 30px;">  **The color and height have no effect but the next inline text was put under the input box** |
| 1. textarea | inline | <textarea style="background-color: green; height: 30px;">  Text Area  </textarea>  **The green color and the 30px height only affected the text area** |
| 1. input (text) | inline | <input type="text" name="input" style="background-color: green; height: 30px;">  **The green color and the 30px height only affected the input box** |
| 1. input (file) | inline | <input type="file" name="input" style="background-color: green; height: 30px;">  **The green color and the 30px height only affected the input box** |
| 1. article | block | <article style="background-color: green; height: 30px;">  Article  </article>  **The green color and the 30px height affected the whole line** |
| 1. figcaption | block | <figcaption style="background-color: green; height: 30px;">  Figcaption  </figcaption>  **The green color and the 30px height affected the whole line** |
| 1. label | inline | <label style="background-color: green; height: 30px;">  Label  </label>  **The color only affected the text and the 30px height has no effect** |