**CSS Activity 1: Box Model**

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:**

* Observing how its default width behaves

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| --- | --- | --- |
| Element | Display (inline or block) | Test Code |
| 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

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| Element | Display (inline or block) | Test Code |
| small | inline | <small style=”background:blue;height:20px”>Hi</h1>  **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.

* Observing how its default position behaves

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| --- | --- | --- |
| **Element** | **Display (inline or block)** | **Test Code** |
| * strong | inline | <strong style="background-color:red;">Strong</strong> |
| * input (password) | inline | <input style="background-color:red;" type="password" name="" value="">Password</input> |
| * h1 | block | <h1 style="background-color:blue;">Header 1</h1> |
| * s | inline | <s style="background-color:green;">Strikethrough</s> |
| * form | block | <form style="background-color:black;" class="" action="index.html" method="post">Form</form> |
| * blockquote | block | <blockquote style="background-color:blue;" cite="'http://www.google.com'">Blockquote</blockquote> |
| * abbr | inline | <abbr title="Abbreviations">abbr</abbr> |
| * h4 | block | <h4 style="background-color:blue;">Header 4</h4> |
| * nav | block | <nav style="background-color:blue;">Nav Bar</nav> |

* Observing how its default width behaves

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| --- | --- | --- |
| **Element** | **Display (inline or block)** | **Test Code** |
| * h2 | block | <h2 style="background-color:blue;">Header 2</h2> |
| * em | inline | <em style="background-color:green;">Emphasis</em> |
| * ins | inline | <ins style="background-color:green;">Insert</ins> |
| * sup | inline | <sup style="background-color:green;">Superscript</sup> |
| * li | block | <li style="background-color:green;">List Item</li><dl style="background-color:green;">Definition List</dl> |
| * dl | block | <select style="background-color:green;" class="" name="">Drop Down Box</select> |
| * input (email) | inline | <input style="background-color:red;" type="email" name="" value="">Email</input> |
| * select | inline | <select style="background-color:green;" class="" name="">Drop Down Box</select> |
| * footer | block | <footer style="background-color:blue;">Footer</footer> |

* Adjusting its height

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| --- | --- | --- |
| **Element** | **Display (inline or block)** | **Test Code** |
| * header | block | <header style="background-color:blue;width:10%;">Header</header> |
| * span | inline | <span style="background-color:blue;width:10%;">Span</span> |
| * a | inline | <a style="background-color:blue;width:10%;">A</a> |
| * button | inline | <button style="background-color:blue;width:10%;">Button</button> |
| * img | inline | <img src="https://lorempixel/20/20" alt="" style="background-color:blue;width:10%;">Image</img> |
| * input (checkbox) | inline | <input style="background-color:red;width:10%;" type="checkbox" name="" value="">Checkbox</input> |
| * sub | inline | <sup style="background-color:green;width:10%;">Subscript</sup> |
| * fieldset |  | <fieldset style="background-color:blue;width:20%;">Fieldset</fieldset> |

* Adjusting its width

|  |  |  |
| --- | --- | --- |
| **Element** | **Display (inline or block)** | **Test Code** |
| * h5 | block | <h5 style="background-color:blue;height:50px;">Header 5</h5> |
| * q | inline | <q style="background-color:blue;height:50px;">Quote</q> |
| * del | inline | <del style="background-color:blue;height:50px;">Deleted</del> |
| * aside | block | <aside style="background-color:blue;height:50px;">Aside</aside> |
| * figure | block | <figure style="background-color:blue;height:50px;">Figure</figure> |
| * input (submit) | inline | <input style="background-color:red;width:50px;" type="submit" name="" value="">Submit</input> |
| * h3 | block | <h3 style="background-color:blue;height:50px;">Header 3</h3> |
| * small | inline | <small style="background-color:blue;height:50px;">Small</small> |

* Adding padding on all sides

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| **Element** | **Display (inline or block)** | **Test Code** |
| * h6 | block | <h6 style="background-color:blue;padding:50px;">Header 6</h6> |
| * ol | block | <ol style="background-color:blue;padding:50px;">Ordered List</ol> |
| * hr | block | <hr style="background-color:blue;padding:50px;">Horizontal Line</hr> |
| * p | block | <p style="background-color:blue;padding:50px;">Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est |
| * div | block | <div style="background-color:blue;padding:50px;">Div</div> |
| * input (number) | inline | <input style="background-color:red;padding:50px;" type="number" name="" value="">Number</input> |
| * ul | block | <ul style="background-color:blue;padding:50px;">Unordered List</ul> |
| * table | block | <table style="background-color:blue;padding:50px;"><tr>Table</tr><td>1</td></table> |

* Adding margin on all sides

|  |  |  |
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| **Element** | **Display (inline or block)** | **Test Code** |
| * dt | block | <dt style="background-color:blue;margin:50px;">DT</dt> |
| * dd | block | <dd style="background-color:blue;margin:50px;">DD</dd> |
| * input (radio) | inline | <input style="background-color:red;margin:50px;" type="radio" name="" value="">Radio</input> |
| * textarea | inline | <textarea style="background-color:blue;margin:50px;">Textarea</textarea> |
| * input (text) | inline | <input style="background-color:red;margin:50px;" type="text" name="" value="">Text</input> |
| * input (file) | inline | <input style="background-color:red;margin:50px;" type="file" name="" value="">File</input> |
| * article | block | <article style="background-color:blue;margin:50px;">article</article> |
| * figcaption | block | <figcaption style="background-color:blue;margin:50px;">Fig Caption</figcaption> |
| * label | inline | <label style="background-color:blue;margin:50px;">Label</label> |