

Screenshot of Syntax(All Syntax With Comments):

The screenshot shows two instances of a browser developer tools interface, likely from Google Chrome, displaying the source code of a file named 'danseco.html'. The code is annotated with numerous comments explaining the structure and styling of the HTML document.

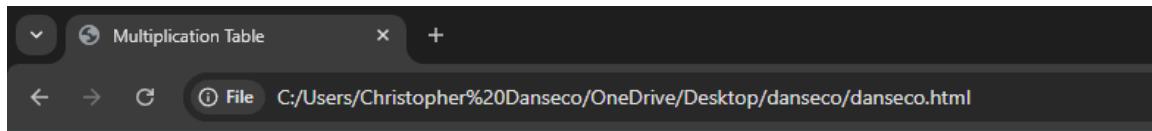
**HTML Structure:**

- Line 1: <!DOCTYPE html>
- Line 2: <html> Declares this document as an HTML5 document
- Line 3: <html lang="en">
- Line 4: <head>
- Line 5: <meta charset="UTF-8">
- Line 6: <!-- Sets the character encoding so text displays correctly -->
- Line 7: <title>Multiplication Table</title>
- Line 8: <!-- Title of the page (appears in browser tab) -->
- Line 9:
- Line 10: <style> /\* CSS Styling for the table \*/
- Line 11: table { border-collapse: collapse; /\* Merges borders so they don't double \*/ margin: 20px; /\* Adds space around the table \*/ }
- Line 12: th, td { border: 1px solid black; /\* Adds border around table cells \*/ padding: 8px; /\* Adds spacing inside each cell \*/ text-align: center; /\* Centers the numbers \*/ width: 40px; /\* Sets equal width for each cell \*/ }
- Line 13: th { background-color: #f0f0f0; /\* Light gray background for headers \*/ }
- Line 14:
- Line 15: </style>
- Line 16: </head>
- Line 17: <body> Main content of the webpage
- Line 18: <h2>Multiplication Table (1 to 5)</h2>
- Line 19: <!-- Heading above the table -->
- Line 20:
- Line 21: <table> First row: table headers
- Line 22: <tr> <th>x</th> Top-left cell (label x)
- Line 23: <th>1</th> Header for column 1
- Line 24: <th>2</th> Header for column 2
- Line 25: <th>3</th> Header for column 3
- Line 26: <th>4</th> Header for column 4
- Line 27: <th>5</th> Header for column 5
- Line 28:
- Line 29: <!-- Row for multiplication by 1 -->
- Line 30: <tr> <th>1</th> Row header (label 1)
- Line 31: <td>1</td>
- Line 32: <td>2</td>
- Line 33: <td>3</td>
- Line 34: <td>4</td>
- Line 35: <td>5</td>
- Line 36:
- Line 37: <!-- Row for multiplication by 2 -->
- Line 38: <tr> <th>2</th> Row header (label 2)
- Line 39: <td>2</td>
- Line 40: <td>4</td>
- Line 41: <td>6</td>
- Line 42: <td>8</td>
- Line 43: <td>10</td>
- Line 44:
- Line 45: <!-- Row for multiplication by 3 -->
- Line 46: <tr> <th>3</th> Row header (label 3)
- Line 47: <td>3</td>
- Line 48: <td>6</td>
- Line 49: <td>9</td>
- Line 50: <td>12</td>
- Line 51: <td>15</td>
- Line 52:
- Line 53: <!-- Row for multiplication by 4 -->
- Line 54: <tr> <th>4</th> Row header (label 4)
- Line 55: <td>4</td>
- Line 56: <td>8</td>
- Line 57: <td>12</td>
- Line 58: <td>16</td>
- Line 59: <td>20</td>
- Line 60:
- Line 61: <!-- Row for multiplication by 5 -->
- Line 62: <tr> <th>5</th> Row header (label 5)
- Line 63: <td>5</td>
- Line 64: <td>10</td>
- Line 65: <td>15</td>
- Line 66: <td>20</td>
- Line 67: <td>25</td>
- Line 68:
- Line 69:
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- Line 95:

**Annotations:**

- Annotations are present throughout the code, particularly in the table section, to explain the structure of the rows and columns.
- Annotations include labels like 'Row header (label x)', 'Header for column 1', etc., placed near specific elements.

Screenshot of Output(All Expected Output):



### Multiplication Table (1 to 5)

x	1	2	3	4	5
1	1	2	3	4	5
2	2	4	6	8	10
3	3	6	9	12	15
4	4	8	12	16	20
5	5	10	15	20	25