**Exercise 1: Basic HTML Structure**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>My First HTML Document</title>

</head>

<body>

Welcome to HTML!

</body>

</html>

**Exercise 2: Head Elements**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Document Title</title>

<meta charset="UTF-8">

<link rel="stylesheet" type="text/css" href="styles.css">

</head>

<body>

Head elements added!

</body>

</html>

**Exercise 3: Text Formatting**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Text Formatting</title>

</head>

<body>

<h1>Main Heading</h1>

<h2>Subheading</h2>

<h3>Another Subheading</h3>

<p>This is a paragraph with <b>bold</b> and <i>italic</i> lorem</p>

</body>

</html>

**Exercise 4: Lists**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Lists</title>

</head>

<body>

<h2>Ordered List</h2>

<ol>

<li>First Item</li>

<li>Second Item</li>

<li>Third Item</li>

</ol>

<h2>Unordered List</h2>

<ul>

<li>Item One</li>

<li>Item Two</li>

<li>Item Three</li>

</ul>

</body>

</html>

**Exercise 5: Hyperlinks**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Hyperlinks</title>

</head>

<body>

<a href="https://www.google.com" target="">google</a>

<a href="anotherpage.html">this bage</a>

</body>

</html>

**Exercise 6: Images**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Image</title>

</head>

<body>

<img src="firewall.jpg" alt="image apout fire wall">

</body>

</html>

**Exercise 7: Tables**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Table</title>

</head>

<body>

<table border="1">

<tr>

<th>Header 1</th>

<th>Header 2</th>

</tr>

<tr>

<td>Row 1, Col 1</td>

<td>Row 1, Col 2</td>

</tr>

<tr>

<td>Row 2, Col 1</td>

<td>Row 2, Col 2</td>

</tr>

</table>

</body>

</html>

**Exercise 8: Embedding Multimedia**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>YouTube Video</title>

</head>

<body>

<iframe width="560" height="315" src="https://www.youtube.com/embed/videoID"

frameborder="0" allowfullscreen></iframe>

</body>

</html>

**Exercise 9: Audio Elements**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Audio</title>

</head>

<body>

<audio controls autoplay loop>

<source src="audio.mp3" type="audio/mpeg">

Your browser does not support the audio element.

</audio>

</body>

</html>

**Exercise 10: HTML5 Video Elements**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Video</title>

</head>

<body>

<video controls autoplay muted>

<source src="video.mp4" type="video/mp4">

Your browser does not support the video tag.

</video>

</body>

</html>

**Exercise 11: Text and Multimedia Synchronization**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Video with Subtitles</title>

</head>

<body>

<video controls>

<source src="video.mp4" type="video/mp4">

<track src="subtitles.vtt" kind="subtitles" srclang="en" label="English">

</video>

</body>

</html>

**Exercise 12: Global Attributes**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Global Attributes</title>

</head>

<body>

<div id="main" class="container" style="color: red;" title="Main Container">

Global Attributes Example

</div>

</body>

</html>

**Exercise 13: Inline and Block Elements**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Inline and Block Elements</title>

</head>

<body>

<div style="width: 100px; height: 100px; background-color: blue;">Block Element</div>

<span style="color: green;">Inline Element</span>

</body>

</html>

**Exercise 14: Advanced Table Formatting**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Advanced Table</title>

</head>

<body>

<table border="1">

<tr>

<th colspan="2">Header 1</th>

<th>Header 2</th>

</tr>

<tr>

<td rowspan="2">Rowspan</td>

<td>Row 1, Col 2</td>

<td>Row 1, Col 3</td>

</tr>

<tr>

<td colspan="2">Colspan Example</td>

</tr>

</table>

</body>

</html>