**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>

Let me know if you need further details or assistance!

4o

**You said:**

sheet 2.pdf

PDF

solve this too

ChatGPT

Here are solutions for the exercises in **Sheet 2**:

**Exercise 1: Create a Simple Registration Form**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Registration Form</title>

</head>

<body>

<form>

<label for="username">Username:</label>

<input type="text" id="username" name="username"><br><br>

<label for="password">Password:</label>

<input type="password" id="password" name="password"><br><br>

<label for="email">Email:</label>

<input type="email" id="email" name="email"><br><br>

</form>

</body>

</html>

**Exercise 2: Add Placeholders**

html

Copy code

<form>

<label for="username">Username:</label>

<input type="text" id="username" name="username" placeholder="Enter your username"><br><br>

<label for="password">Password:</label>

<input type="password" id="password" name="password" placeholder="Enter your password"><br><br>

<label for="email">Email:</label>

<input type="email" id="email" name="email" placeholder="Enter your email"><br><br>

</form>

**Exercise 3: Add a "Remember Me" Checkbox**

html

Copy code

<form>

<!-- Fields from previous exercises -->

<input type="checkbox" id="remember" name="remember">

<label for="remember">Remember Me</label><br><br>

</form>

**Exercise 4: Group Radio Buttons**

html

Copy code

<form>

<p>Select Gender:</p>

<input type="radio" id="male" name="gender" value="male">

<label for="male">Male</label><br>

<input type="radio" id="female" name="gender" value="female">

<label for="female">Female</label><br>

<input type="radio" id="other" name="gender" value="other">

<label for="other">Other</label><br><br>

</form>

**Exercise 5: Dropdown for Country Selection**

html

Copy code

<form>

<label for="country">Select Your Country:</label>

<select id="country" name="country">

<option value="egypt">Egypt</option>

<option value="usa">USA</option>

<option value="uk">UK</option>

<option value="canada">Canada</option>

<option value="india">India</option>

</select><br><br>

</form>

**Exercise 6: Multiple Selection List**

html

Copy code

<form>

<label for="languages">Select Your Favorite Programming Languages:</label><br>

<select id="languages" name="languages" multiple>

<option value="python">Python</option>

<option value="javascript">JavaScript</option>

<option value="java">Java</option>

<option value="csharp">C#</option>

<option value="ruby">Ruby</option>

</select><br><br>

</form>

**Exercise 7: Add a Textarea for Comments**

html

Copy code

<form>

<label for="comments">Comments:</label><br>

<textarea id="comments" name="comments" rows="4" cols="50" placeholder="Enter your comments here..."></textarea><br><br>

</form>

**Exercise 8: Create a Login Form**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Login Form</title>

</head>

<body>

<form>

<label for="email">Email:</label>

<input type="email" id="email" name="email" placeholder="Enter your email"><br><br>

<label for="password">Password:</label>

<input type="password" id="password" name="password" placeholder="Enter your password"><br><br>

</form>

</body>

</html>

**Exercise 9: Add a File Upload Button**

html

Copy code

<form>

<label for="resume">Upload Your Resume:</label>

<input type="file" id="resume" name="resume"><br><br>

</form>

**Exercise 10: Add a Submit and Reset Button**

html

Copy code

<form>

<!-- Fields from previous exercises -->

<button type="submit">Submit</button>

<button type="reset">Reset</button>

</form>

Let me know if you need further assistance!

4o

**You said:**

sheet 3.pdf

PDF

this too

ChatGPT

Here are the solutions for the exercises in **Sheet 3**:

**1. Basic Web Page & Styling**

**HTML:**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Styled Web Page</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<header>

<h1>Welcome to My Website</h1>

</header>

<p>This is a simple paragraph with some text.</p>

<footer>

<p>Footer Section</p>

</footer>

</body>

</html>

**CSS (styles.css):**

css

Copy code

body {

font-family: Arial, sans-serif;

background-image: url('background.jpg');

color: #333;

}

header {

background-color: #4CAF50;

color: white;

padding: 10px;

text-align: center;

}

footer {

background-color: #222;

color: white;

text-align: center;

padding: 5px;

position: absolute;

bottom: 0;

width: 100%;

}

**2. Selectors & Box Model**

**HTML:**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Selectors & Box Model</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<div class="box" id="box1">Box 1</div>

<div class="box" id="box2">Box 2</div>

<div class="box" id="box3">Box 3</div>

</body>

</html>

**CSS (styles.css):**

css

Copy code

.box {

width: 100px;

height: 100px;

margin: 20px;

padding: 10px;

border: 2px solid black;

background-color: #f0f0f0;

}

#box1 {

background-color: lightblue;

}

#box2 {

background-color: lightgreen;

}

#box3 {

background-color: lightcoral;

}

**3. Basic Layout with Display**

**HTML:**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Basic Layout</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<div class="header">Header</div>

<div class="content">

<div class="sidebar">Sidebar</div>

<div class="main-content">Main Content</div>

</div>

<div class="footer">Footer</div>

</body>

</html>

**CSS (styles.css):**

css

Copy code

.header, .footer {

background-color: #4CAF50;

color: white;

text-align: center;

padding: 10px;

}

.content {

display: flex;

}

.sidebar {

width: 30%;

background-color: #f4f4f4;

padding: 10px;

}

.main-content {

width: 70%;

background-color: #e0e0e0;

padding: 10px;

}

**4. Styling Links & Lists**

**HTML:**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Links & Lists</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<nav>

<ul class="nav-list">

<li><a href="#">Home</a></li>

<li><a href="#">About</a></li>

<li><a href="#">Contact</a></li>

</ul>

</nav>

</body>

</html>

**CSS (styles.css):**

css

Copy code

.nav-list {

list-style-type: none;

padding: 0;

margin: 0;

display: flex;

background-color: #4CAF50;

}

.nav-list li {

margin: 0 10px;

}

.nav-list a {

text-decoration: none;

color: white;

}

.nav-list a:hover {

color: yellow;

}

**5. Fonts & Icons**

**HTML:**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Fonts & Icons</title>

<link href="https://fonts.googleapis.com/css2?family=Roboto&display=swap" rel="stylesheet">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<link rel="stylesheet" href="styles.css">

</head>

<body>

<h1 class="custom-font">Welcome to My Page</h1>

<p><i class="fas fa-home"></i> Home</p>

</body>

</html>

**CSS (styles.css):**

css

Copy code

.custom-font {

font-family: 'Roboto', sans-serif;

color: #4CAF50;

}

**6. Tables & Forms**

**HTML:**

html

Copy code

<!DOCTYPE html>

<html>

<head>

<title>Tables & Forms</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<table>

<tr>

<th>Name</th>

<th>Age</th>

</tr>

<tr>

<td>John</td>

<td>25</td>

</tr>

<tr>

<td>Jane</td>

<td>30</td>

</tr>

</table>

<form>

<label for="name">Name:</label>

<input type="text" id="name" name="name"><br><br>

<label for="email">Email:</label>

<input type="email" id="email" name="email"><br><br>

<button type="submit">Submit</button>

</form>

</body>

</html>

**CSS (styles.css):**

css

Copy code

table {

width: 50%;

border-collapse: collapse;

margin: 20px 0;

}

table, th, td {

border: 1px solid black;

}

th, td {

text-align: left;

padding: 8px;

}

th {

background-color: #4CAF50;

color: white;

}

Let me know if you need additional modifications or clarifications!