Module 2 – Mernstack – HTML

**1)Task: Create a simple HTML webpage that includes: • A header (), footer (), main section (), and aside section (). • A paragraph with some basic text. • A list (both ordered and unordered). • A link that opens in a new tab.**

ANS>

<!DOCTYPE html>

<head>

    <title></title>

</head>

<body>

    <div >

        <p >Lorem ipsum dolor sit amet consectetur, adipisicing elit. Qui, quam ab exercitationem necessitatibus sit aspernatur reprehenderit ea, asperiores rerum delectus neque illum at, officia deleniti aperiam. Omnis molestias soluta fugit.</p>

            <ul  type ='circle'>

                <li>red</li></a>

                <li>white</li>

                <li>green</li>

            </ul>

            <ol type ='A'>

                <li>red</li>

                <li>white</li>

                <li>green</li>

            </ol>

            <a href="https://www.Amazon.com/" target="\_blank">Click here</a>

    </div>

</body>

</html>

**2)• Task: Create a contact form with the following fields: • Full name (text input) • Email (email input) • Phone number (tel input) • Subject (dropdown menu) • Message (textarea) • Submit button**

Ans>

<!DOCTYPE html>

<html>

<head>

<title>Contact Form</title>

<style>

form {

display: inline-block;

text-align: left;

padding: 20px;

border: 2px solid #ccc;

}

.form-group {

margin-bottom: 15px;

}

</style>

</head>

<body>

<div align="center">

<h2>Contact Form</h2>

<form action="/submit" enctype="multipart/form-data" method="post" target="\_blank">

<div class="form-group">

<label for="fname">Full name:</label>

<input type="text" id="fname" placeholder="Full name" name="fname"

required minlength="3" maxlength="50"

pattern="[A-Za-z ]+" title="Letters and spaces only">

</div>

<div class="form-group">

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

<input type="email" id="email" placeholder="Enter email" name="email"

required minlength="5" maxlength="50">

</div>

<div class="form-group">

<label for="mobile">Mobile:</label>

<input type="tel" id="mobile" placeholder="Number" name="mobile"

required pattern="[0-9]{10}" title="10-digit phone number">

</div>

<div class="form-group">

<label for="sub">Subject:</label>

<select name="Subject" id="sub" required>

<option value="">Select the subject</option>

<option value="mern">MERN</option>

<option value="dbms">DBMS</option>

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

</select>

</div>

<div class="form-group">

<label for="desc">Describe:</label>

<textarea id="desc" name="description" cols="20" rows="2"

required minlength="10" maxlength="500"></textarea>

</div>

<input type="submit" name="submit" value="Submit">

</form>

</div>

</body>

</html>

**3)Task: Create a product catalog table that includes the following columns:**

**• Product Name**

**• Product Image (use placeholder image URLs)**

**• Price**

**• Description**

**• Availability (in stock, out of stock)**

**Additional Requirements:**

**• Use thead for the table header.**

**• Add a border and some basic styling using inline CSS.**

**• Use colspan or rowspan to merge cells where applicable.**

Ans>

<table style="border-collapse: collapse; width: 100%; font-family: Arial, sans-serif; margin: 20px 0;">

<thead>

<tr style="background-color: #f2f2f2;">

<th colspan="5" style="border: 1px solid #ddd; padding: 12px; text-align: center; font-size: 1.2em;">

Product Catalog

</th>

</tr>

<tr style="background-color: #4CAF50; color: white;">

<th style="border: 1px solid #ddd; padding: 12px;">Product Name</th>

<th style="border: 1px solid #ddd; padding: 12px;">Image</th>

<th style="border: 1px solid #ddd; padding: 12px;">Price</th>

<th style="border: 1px solid #ddd; padding: 12px;">Description</th>

<th style="border: 1px solid #ddd; padding: 12px;">Availability</th>

</tr>

</thead>

<tbody>

<tr>

<td style="border: 1px solid #ddd; padding: 12px; font-weight: bold;">Wireless Headphones</td>

<td style="border: 1px solid #ddd; padding: 12px;">

<img src="https://placehold.co/100x100" alt="Headphones" style="width: 100px; height: auto;">

</td>

<td style="border: 1px solid #ddd; padding: 12px;">$149.99</td>

<td style="border: 1px solid #ddd; padding: 12px;">Noise-cancelling Bluetooth headphones with 30hr battery</td>

<td style="border: 1px solid #ddd; padding: 12px; color: green;">In stock</td>

</tr>

<tr>

<td style="border: 1px solid #ddd; padding: 12px; font-weight: bold;">Smart Fitness Watch</td>

<td style="border: 1px solid #ddd; padding: 12px;">

<img src="https://placehold.co/100x100" alt="Fitness Watch" style="width: 100px; height: auto;">

</td>

<td style="border: 1px solid #ddd; padding: 12px;">$89.95</td>

<td style="border: 1px solid #ddd; padding: 12px;">Water-resistant activity tracker with heart rate monitor</td>

<td style="border: 1px solid #ddd; padding: 12px; color: red;">Out of stock</td>

</tr>

<tr>

<td style="border: 1px solid #ddd; padding: 12px; font-weight: bold;">Portable Charger</td>

<td style="border: 1px solid #ddd; padding: 12px;">

<img src="https://placehold.co/100x100" alt="Portable Charger" style="width: 100px; height: auto;">

</td>

<td style="border: 1px solid #ddd; padding: 12px;">$29.99</td>

<td style="border: 1px solid #ddd; padding: 12px;">20000mAh dual USB power bank with fast charging</td>

<td style="border: 1px solid #ddd; padding: 12px; color: green;">In stock</td>

</tr>

</tbody>

</table>