

ASSIGNMENT – 1  
IT22502-UI INTERFACE TECHNOLOGIES  
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1).

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Dynamic HTML Page</title>
  <style>
    body {
      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
      background-color: #f0f2f5;
      color: #333;
      margin: 0;
      padding: 0;
    }
    header {
      background-color: #4CAF50;
      color: white;
      padding: 15px;
      text-align: center;
      box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
    }
    nav {
      background-color: #333;
      overflow: hidden;
    }
```

```
nav a {  
    float: left;  
    display: block;  
    color: #f2f2f2;  
    text-align: center;  
    padding: 14px 16px;  
    text-decoration: none;  
}  
  
nav a:hover {  
    background-color: #ddd;  
    color: black;  
}  
  
.container {  
    max-width: 1200px;  
    margin: 20px auto;  
    padding: 20px;  
    background: white;  
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
    border-radius: 10px;  
}  
  
.form-container, .carousel-container, .media-container, .list-container {  
    margin-bottom: 30px;  
}  
  
.form-container h2,  
.carousel-container h2,  
.media-container h2,  
.list-container h2 {  
    border-bottom: 2px solid #4CAF50;  
    padding-bottom: 10px;  
    margin-bottom: 20px;  
}
```

```
form input, form select, form textarea {
```

```
    width: 100%;
```

```
    padding: 12px;
```

```
    margin: 8px 0;
```

```
    display: inline-block;
```

```
    border: 1px solid #ccc;
```

```
    border-radius: 4px;
```

```
    box-sizing: border-box;
```

```
}
```

```
.btn {
```

```
    background-color: #4CAF50;
```

```
    color: white;
```

```
    padding: 14px 20px;
```

```
    margin: 8px 0;
```

```
    border: none;
```

```
    border-radius: 4px;
```

```
    cursor: pointer;
```

```
}
```

```
.btn:hover {
```

```
    background-color: #45a049;
```

```
}
```

```
.carousel-container {
```

```
    display: flex;
```

```
    justify-content: space-between;
```

```
    gap: 10px;
```

```
    padding: 10px 0;
```

```
}
```

```
.carousel-container img {
```

```
    flex: 1;
```

```
    width: 300px;
```

```
    height: 300px;
```

```
        border-radius: 10px;

        box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
    }

    .media-container iframe {

        width: 100%;

        height: 315px;

        border-radius: 10px;

        box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);

        margin-bottom: 20px;
    }

    ul.dynamic-list {

        list-style-type: none;

        padding: 0;
    }

    ul.dynamic-list li {

        background: #e2e2e2;

        margin: 8px 0;

        padding: 12px;

        border-radius: 4px;
    }

    footer {

        background-color: #333;

        color: white;

        text-align: center;

        padding: 15px;

        margin-top: 30px;
    }
</style>
</head>
<body>
    <header>
```

```
<h1>Dynamic HTML Page</h1>
</header>

<nav>
  <a href="#">Home</a>
  <a href="#">Services</a>
  <a href="#">Portfolio</a>
  <a href="#">Contact</a>
</nav>

<div class="container">
  <section class="form-container">
    <h2>Contact Form</h2>
    <form>
      <label for="name">Name:</label>
      <input type="text" id="name" name="name" placeholder="Your name..">

      <label for="email">Email:</label>
      <input type="email" id="email" name="email" placeholder="Your email..">

      <label for="subject">Subject:</label>
      <textarea id="subject" name="subject" placeholder="Write something.."
style="height:200px"></textarea>

      <button type="submit" class="btn">Submit</button>
    </form>
  </section>

  <section class="carousel-container">
    <h2>Image Carousel</h2>
    <div>
```







</div>

</section>

<section class="media-container">

<h2>Embedded Media</h2>

<iframe src="3209828-uhd\_3840\_2160\_25fps.mp4" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture" allowfullscreen></iframe>

</section>

<section class="list-container">

<h2>Dynamic List</h2>

<ul class="dynamic-list" id="dynamic-list">

<li>Item 1</li>

<li>Item 2</li>

<li>Item 3</li>

</ul>

<button class="btn" onclick="addItem()">Add New Item</button>

</section>

</div>

<footer>

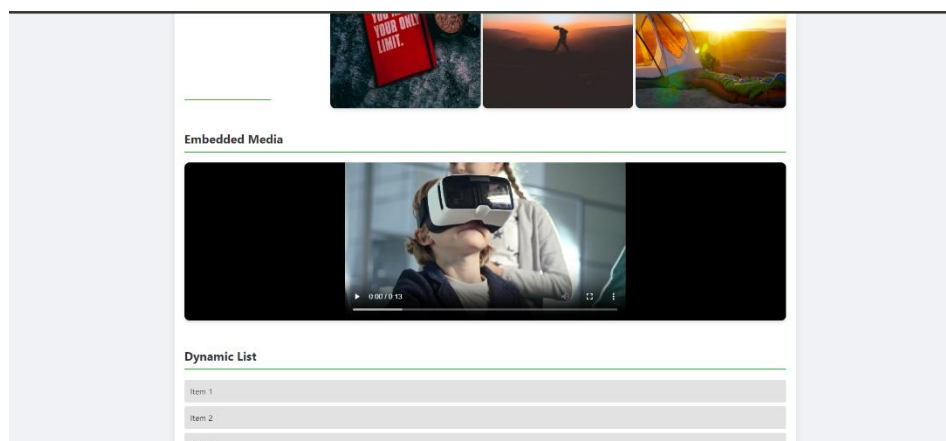
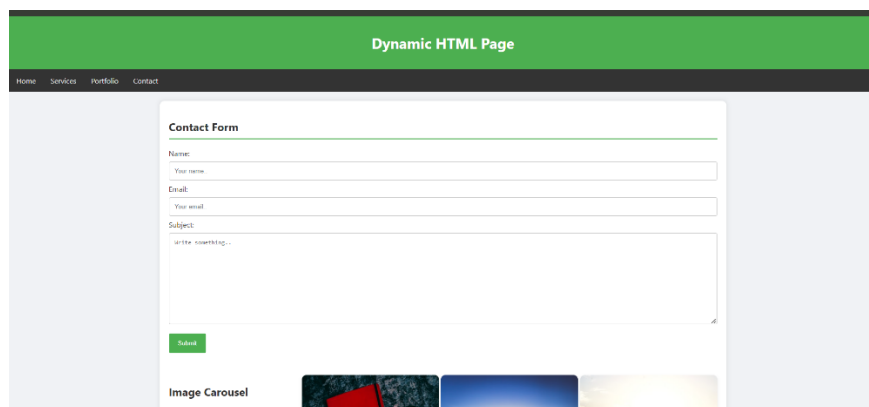
<p>&copy; 2024 Dynamic HTML Page. All rights reserved.</p>

</footer>

```

<script>
    function addItem() {
        const list = document.getElementById('dynamic-list');
        const newItem = document.createElement('li');
        newItem.textContent = 'New Item';
        list.appendChild(newItem);
    }
</script>
</body>
</html>

```



2).



## COURSE COMPLETION CERTIFICATE

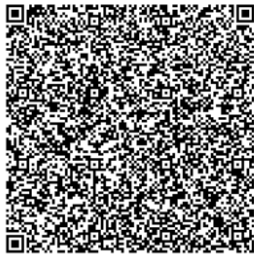
The certificate is awarded to

**SATHYAM KUMAR R**

for successfully completing the course

**HTML5 - The Language**

on August 20, 2024



*Congratulations! You make us proud!*

Thirumala Arohi  
Executive Vice President and Global Head