

1. Write a program to design semantic and non - semantic tags with web page form layout to get this desired output ?

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document Question 1</title>
</head>

<body>
  <h1>Welcome to my website!</h1>
  <p>This is the homepage of my website</p>
  <h1>About Me</h1>
  <p>My name is John Doe and I'm a web developer.</p>
  <ol>
    <li>HTML5</li>
    <li>CSS3</li>
    <li>JavaScript</li>
  </ol>
  <table>
    <tr>
      <td>Row 1, </td>
      <td>Column 1 </td>
      <td>Row 1, </td>
      <td>Column 2</td>
    </tr>
    <tr>
      <td>Row 2, </td>
      <td>Column 1 </td>
      <td>Row 2, </td>
      <td>Column 2</td>
    </tr>
  </table>
  <h1>Contact Me</h1>
  <form>
    <label for="name">Name: </label>
    <input type="text" name="name" id="name">
    <br>
    <br>
    <label for="email">Email: </label>
    <input type="email" name="email" id="email">
    <br>
    <br>
    <label for="message">Message:</label>
```

```

        <textarea name="message" id="message" cols="20" rows="2"
placeholder=""></textarea>
        <br>
        <br>
        <input type="submit" value="Send">
    </form>
    <p>Write some content here</p>
    <p>write Some more content here</p>
</body>

</html>

```

Output :



2. Write a program to display the text formatting tags and meta tags in HTML as given below?

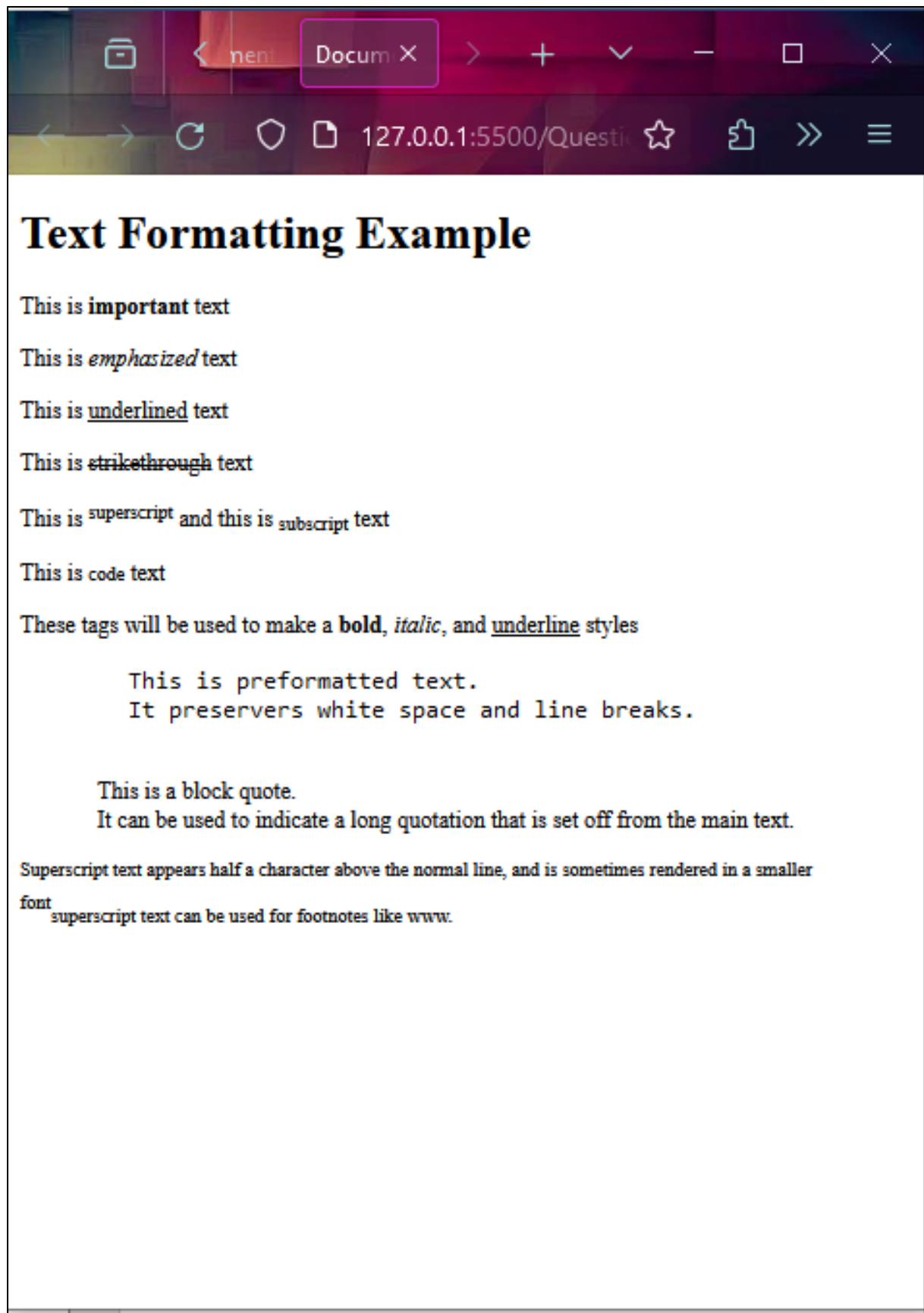
```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document Question 2</title>
</head>

<body>
  <h1>Text Formatting Example</h1>
  <p>This is <strong>important</strong> text</p>
  <p>This is <em>emphasized</em> text</p>
  <p>This is <u>underlined</u> text</p>
  <p>This is <del>strikethrough</del> text</p>
  <p>This is <sup>superscript</sup> and this is <sub>subscript</sub> text</p>
  <p>This is <small>code</small> text</p>
  <p>These tags will be used to make a <b>bold</b>, <i>italic</i>, and <u>underline</u>
styles</p>
  <pre>
    This is preformatted text.
    It preserves white space and line breaks.
  </pre>
  <blockquote cite="">
    This is a block quote.
    <br> It can be used to indicate a long quotation that is set off from the main text.
  </blockquote>
  <p>
    <sup>Superscript text appears half a character above the normal line, and is sometimes
rendered in a smaller <br>font</sup><sub>superscript text can be used for footnotes like
www.</sub>
  </p>
</body>

</html>
```

Output :



3. Write a program to show all form input controls in HTML5 as given below ?

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>

<body>
  <h1>Form Input Controls Example</h1>
  <form action="">
    <label for="name">Name: </label>
    <input type="text" name="name" id="name" placeholder="Enter your name">
    <label for="password">Password: </label>
    <input type="password" name="password" id="password" placeholder="Enter your
password">
    <label for="email">Email: </label>
    <input type="email" name="email" id="email" placeholder="Enter your email">
    <label for="age">Age</label>
    <input type="number" name="age" id="age" value="18">
    <br>

    <br>
    <label for="rating">Rating: </label>
    <input type="range" name="rating" id="rating">
    <label for="dob">Date of Birth: </label>
    <input type="date" name="dob" id="dob">
    <label for="time">Time: </label>
    <input type="time" name="time" id="time">
    <label for="image">Image: </label>
    <input type="image" src="/image.jpg" alt="flower" width="150px" height="50px">
    <label for="week">Week: </label>
    <input type="week" name="week" id="week">
    <br>

    <br>
    <label for="month">Month: </label>
    <input type="month" name="month" id="month">
    <label for="datetime">Datetime-Local: </label>
    <input type="datetime-local" name="datetime" id="datetime">
    <label for="url">URL: </label>
    <input type="url" name="url" id="url">
```


```
<label for="search">Search: </label>
<input type="search" name="search" id="search">
<p>Gender:</p>
<input type="radio" name="gender" id="male" value="Male">
<label for="male">Male</label>
<input type="radio" name="gender" id="female" value="Female">
<label for="female">Female</label>
<label for=""></label>
<p>Interests:</p>
<input type="checkbox" name="interest1" id="interest1" value="Reading">
<label for="interest1">Reading</label>
<input type="checkbox" name="interest2" id="interest2" value="Sports">
<label for="interest2">Sports</label>
<br>
<br>
<label for="country">Country: </label>
<select id="country">
<option value="India">India</option>
<option value="United States">United States</option>
</select>
<br>
<br>
<label for="message">Message: </label>
<textarea name="message" id="message" cols="30" rows="5" placeholder="Enter your
message"></textarea>
<input type="submit" value="Submit">
</form>
</body>

</html>
```

Output :

Form Input Controls Example

Name: Password: Email: Age:

Rating: Date of Birth: Time: Image:  Week:

Month: Datetime-Local: URL: Search:

Gender:

☐ Male ☐ Female

Interests:

☐ Reading ☐ Sports

Country:

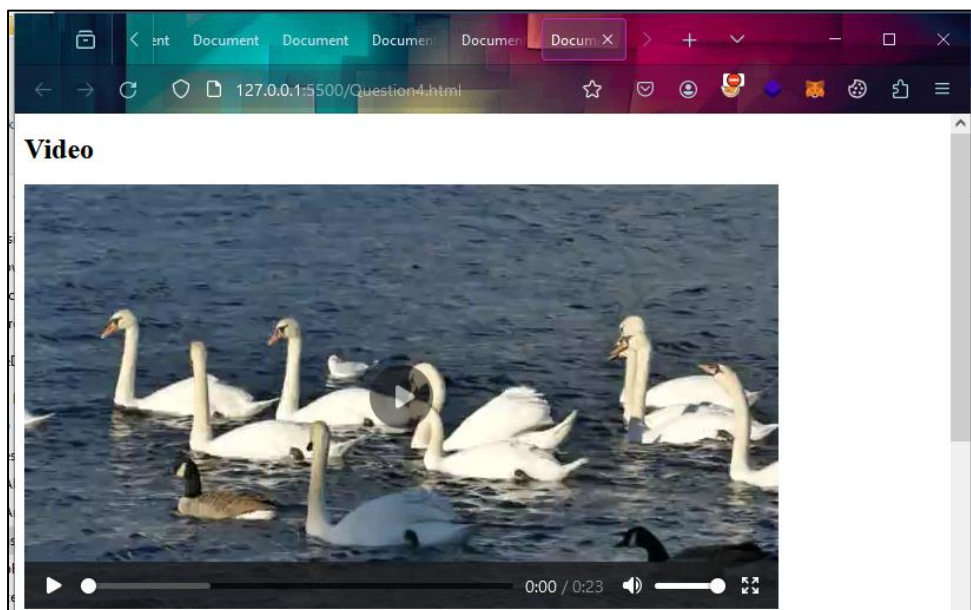
Message:

4. Write a program to load multimedia content into a webpage like given below?

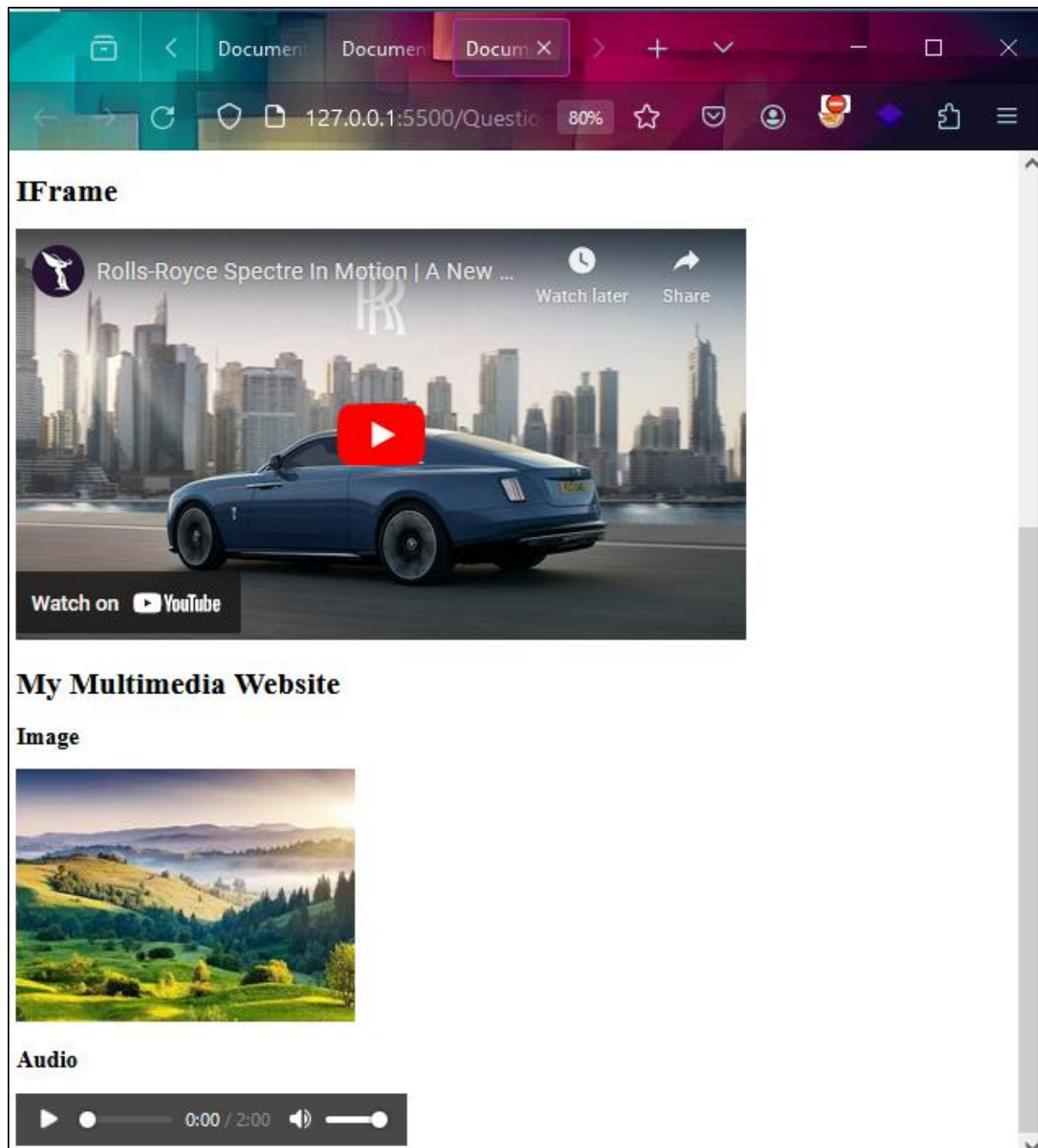
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>

<body>
  <h1>Video</h1>
  <video src="./video.mp4" controls></video>
  <h1>IFrame</h1>
  <iframe width="560" height="315"
src="https://www.youtube.com/embed/8cUL_EkO7mU?si=KRurM1IN1PkZITb4"
title="YouTube video player" frameborder="0" allow="accelerometer; autoplay; clipboard-
write; encrypted-media; gyroscope; picture-in-picture; web-share"
referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>
  <h1>My Multimedia Website</h1>
  <h2>Image</h2>
  
  <h2>Audio</h2>
  <audio controls>
<source src="./audio.mp3" type="audio/mp3">
</audio>
</body>

</html>
```



Output :



5. Write a program to create 'SVG' inline and external like given below?

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <h1>SVG Inline Graphic Example</h1>

    <svg width="300" height="130">

<rect width="100" height="100" x="10" y="10" fill="red" />

<circle r="40" cx="60" cy="60" fill="white" />

    </svg>

    <h1>External SVG Example</h1>

    <svg height="200" width="300">

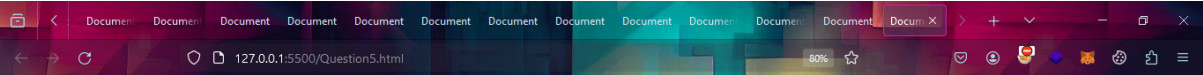
<image width="300" height="200" href="./image.jpg" />

    </svg>

</body>

</html>
```

Output :



SVG Inline Graphic Example



External SVG Example



