Assignment-1

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

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

<head>
    <title>Program 1</title>
</head>

<body>
    <h1>
        Welcome to my Website!
    </h1>
    <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>Row1</td>
            <td>column 1</td>
            <td>Row1</td>
            <td>Column 2</td>
        </tr>
        <tr>
            <td>Row2</td>
            <td>Column2</td>
            <td>Row2</td>
            <td>Column2</td>
        </tr>
    </table>
    <h1>Contact me</h1>
    <label for="name">Name</label>
    <input type="text" name="name"> <br>
    <br>
    <label for="email">Email</label>
    <input type="email" name="email">
    <br> <br> <br>
    <label for="message">Message</label>
    <textarea name="message" cols="10" rows="5"></textarea>
```

```html
    <br> <br>
    <button type="submit">Send</button>
    <p>
        Write Some content here <br>
        Write some more content here
    </p>
</body>

</html>
```

Output:

Welcome to my website!

This is the home page of my website.

About Me

My name is John Doe and I'm a web developer.

1. HTML5
2. CSS3
3. JavaScript

Row 1, Column 1 Row 1, Column 2
Row 2, Column 1 Row 2, Column 2

Contact Me

Name:

Email:

Message:

Send

Write some content here
write Some more content here

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>HTML-Tags</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 <strike>strikethrough</strike> text.</p>
    <p>This is <sup>superscript</sup> text and this is <sub>subscript</sub>
text.</p>
    <p>This is <code>code</code> text.</p>
    <p>These tags will be used to make <b>bold</b>, <i>italic</i>, and
<u>underline</u>
        styles.</p>
    <pre><code> This is preformatted text.
It preserves white space and line breaks. </code></pre><br>
    <blockquote>This is block quote. <br><br>
        It can be used to indicate a long quotation that is set off from main
text.
    </blockquote>
    <p><small>Superscript text appears half a character above the normal line,
and is
        sometimes in a smaller
        <br><sup>font</sup> superscript text can be used for footnotes
like
        www.</small></p>
</body>

</html>
```

Output:

Text Formatting Example

This is **important** text.

This is *emphasized* text.

This is <u>underlined</u> text.

This is ~~strikethrough~~ text.

This is ^{superscript} and this is $_{subscript}$ text.

This is `code` text.

These tags will be used to make a **bold**, *italic*, and <u>underline</u> styles.

```
This is preformatted text.
It preserves white space and line breaks.
```

> This is a block quote.
>
> It can be used to indicate a long quotation that is set off from the main text.

Superscript text appears half a character above the normal line,and is sometimes rendered in a smaller font $_{superscript\ text\ can\ be\ used\ for\ footnotes\ like\ www.}$

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

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Question3</title>
</head>

<body>
    <form>
        <fieldset style="width:600px">
            <h2>Form Input Controls Example</h2>
            <Label for="name">Name:</Label>
            <input type="text" name="name" placeholder="Enter your name">
            <label for="pw">Password:</label>
            <input type="password" placeholder="Enter your password">
            <Label for="email">Email:</Label>
            <input type="email" name="email" placeholder="Enter your email">
            <label for="age">Age:</label>
            <input type="text" name="age" value=18 size="6">
            <label for="rating">Rating:</label>
            <input type="range" name="rating" value=30>
            <label for="dob">Date Of Birth:</label>
            <input type="date" name="dob" value="2000-01-01">
            <label for="time">Time:</label>
            <input type="time" name="time" value="12:00">
            <label for="image">Image:</label>
            <input type="image" length=150 width=50 src=".\logo.png"><br><br>
            <label for="week">Week:</label>
            <input type="week" name="week"><br><br>
            <label for="month">Month:</label>
            <input type="month" name="month"><br><br>
            <label for="dt">Datetime-Local</label>
            <input type="datetime-local" name="dt"><br><br>
            <label for="url">URL:</label>
            <input type="url" name="url"><br><br>
            <label for="search">Search:</label>
            <input type="search" name="search"><br><br>
            <label for="gender">Gender:</label><br><br>
            <input type="radio" name="male" checked>
            <label for="male">Male</label>
            <input type="radio" name="female">
            <label for="female">Female</label><br><br>
            <label for="intrests">Intrests:</label><br><br>
```

```
            <input type="checkbox" name="reading">
            <label for="reading">Reading</label>
            <input type="checkbox" name="sports" checked>
            <label for="sports">Sports</label>
            <label for="country">Country:</label>
            <select name="country">
                <option value="US">United States</option>
                <option value="aus">Australia</option>
            </select>
            <label for="mesg">Message:</label>
            <textarea name="mesg" placeholder="Enter your Message" cols="45"
rows="4"></textarea>
            <button>Submit</button>
    </form>
    </fieldset>
</body>

</html>
```

Output:

Form Input Controls Example

Name: [Enter your name]   Password: [Enter your password]   Email:

[Enter your email]   Age: [18]   Rating: [————————●———]   Date of Birth:

150 x 50

[01-01-2000 📅] Time: [12:00 🕐] Image:

Week: [Week --, ---- 📅]

Month: [---------, ---- 📅]

Datetime-Local: [dd-mm-yyyy --:-- 📅]

URL: [   ]

Search: [   ]

Gender:

◉ Male   ○ Female

Interests:

☐ Reading ☑ Sports Country: [United States ▾] Message:

[Enter your message   ] [Submit]

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

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Question4</title>
</head>

<body>
    <h1>Video</h1>
    <video preload="auto" width="400" height="200" controls>
        <source src="" type="video/mp4">
    </video>
    <h2>IFrame</h2>
    <iframe src="Iframe.html" width="600" height="400"></iframe>
    <br> <br>
    <h1>My Multimedia Website</h1>
    <h2>Image</h2>
    <img src="./logo.png" alt="">
    <br> <br>
    <h1>Audio</h1>
    <audio controls>
        <source src="" type="audio">
    </audio>
    <br><br>
</body>

</html>
```
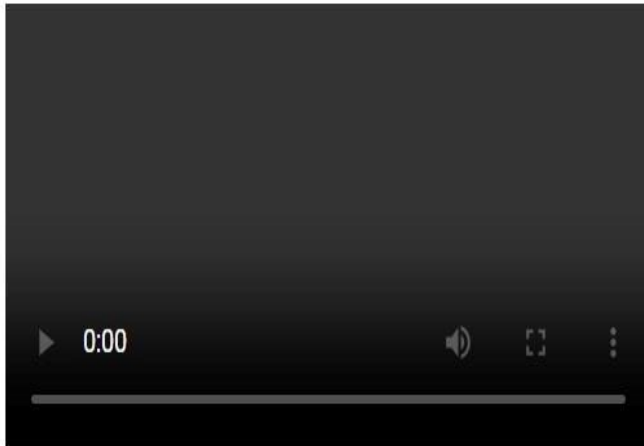
Iframe.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>iframe</title>
</head>
<body>
    <video controls width="400" height="400">
        <source src=".\video.mp4" type="video/mp4">
    </video>
</body>
</html>
```

Output:

Video

IFrame

My Multimedia Website

Image

Audio

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>Question5</title>
</head>
<body>
    <h2>SVG Inline Graphic Example</h2><br>
    <blockquote>
        <svg width="100" height="100">
            <rect width=100 height=100 stroke="red" fill="red" />
            <circle cx="50" cy="50" r="40" stroke-width="4" fill="white" />
        </svg>
    </blockquote>
    <h2>External SVG Example</h2>
    <img src="./Excelr.svg" width=200 height=100>
```

```
        <img src="" alt="" width="100px" height="100px">
</body>
</html>
```

Output:

SVG Inline Graphic Example

External SVG Example