TY B.Tech 2022-23 Sem-I
Java Full Stack Technologies Laboratory
Assignment 0

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AIM
To recall and implement HTML concepts.

OBJECTIVE
1. To revise all the basic tags for static web page
2. To add different media – Image, Audio, Video on the web page

SOFTWARE REQUIREMENT
Notepad, Browser

TASKS
1. Print text in various fonts and sizes, try changing background and foreground colors.
2. Try printing nested lists – mixed lists; change bullet types.
3. Add images, audio, video to your web page.
4. Introduction to form tag.

CODE - index.html

```html
<!DOCTYPE html>
<html>
  <head>
    <title>1423 Assignment 0</title>
    <link rel="stylesheet" href="./style.css" />
  </head>

  <body>
    <div id="header">
      <h1>Learn How to Drive a Car! And Feast.</h1>
```

```html
    </div>

    <div id="tutorial">
      <div id="instructions">
        <h2>Follow these instructions:</h2>
        <ol>
          <li>Fasten your seatbelts.</li>
          <li>Start the car's engine until it's slightly purring.</li>
          <li>Look around left and right then slowly release the
clutch.</li>
          <li>Disengage the handbrake cause we want to move!</li>
          <ul type="square">
            <li>
              If you're on an incline, make sure you don't go downhill.
That
              would not be fun.
            </li>
            <li>Do this by holding on the brake simultaneously.</li>
          </ul>
          <li>Hold the clutch at biting point then slowly release.</li>
          <li>Accelerate and then VROOOOM.</li>
        </ol>
        This is how a revving car sounds like!<br />
      </div>

      <audio controls>
        <source
          src="./car-starting-and-accelerating-7110.mp3"
          type="audio/mp3"
        />
        Error: Your browser does not support audio element.</audio
      ><br /><br />
      Navigate this traffic and be ready for the roads!<br />
      <video width="320" height="200" controls>
        <source src="./video (240p).mp4" type="video/mp4" />
        Error: Your browser does not support the video tag.
      </video>

      <h2>Pull up to the nearest bakery:</h2>
      <ul>
```

```html
      <li>I don't like cakes.</li>
      <li>Grab a samosa. Yum.</li>
      <img

src="https://static.toiimg.com/thumb/61050397.cms?imgsize=246859&width=800
&height=800"
        height="100"
        width="100"
      />
    </ul>
  </div>

  <form>
    <h2>Give a Feedback!</h2>
    <label for="fname">First Name: </label>
    <input type="text" id="fname" name="fname" /><br />
    <label for="lname">Last Name: </label>
    <input type="text" id="lname" name="lname" /><br />
    How was the tutorial? <br />
    <input type="radio" id="yes" name="yes" value="yes" />
    This helped!
    <input type="radio" id="no" name="no" value="no" />
    Could be better.
    <label for="feedback">Feedback:</label>
    <textarea rows="1" placeholder="Share Your Thoughts"></textarea>
  </form>
  </body>
</html>
```

CODE - style.css

```css
body {
  background-image: url(./background.webp);
  color:#e3bc9a;

  line-height: 1.6; /* using recommended line height as 1.6 */
}

#header {
  background-color: #f5f5f5;
  padding: 20px;
  height: fit-content;
  text-align: center;
  width: 100%;
}

#tutorial {
  background-color: rgba(63, 35, 5, 0.4);
  padding: 20px;
  margin: 20px;
}

#instructions {
    margin-bottom: 20px;
}

audio, video {
    width: 30%;
    margin-top: 10px;
}

#bakery {
    margin-top: 20px;
}

form {
    margin-top: 20px;
    padding: 20px;
    background-color: #f5f5f5;
```

```css
}

form h2 {
    margin-bottom: 10px;
}

form label {
    display: block;
    margin-bottom: 5px;
}

form input[type="text"],
form textarea {
    width: fit-content;
    padding: 8px;
    margin-bottom: 10px;
    border: 1px solid #ccc;
    border-radius: 4px;
}

form input[type="radio"] {
    margin-right: 5px;
}

form input[type="submit"] {
    background-color: #333;
    color: #fff;
    padding: 10px 20px;
    border: none;
    border-radius: 4px;
    cursor: pointer;
}
```

OUTPUT

Learn How to Drive a Car! And Feast.

Follow these instructions:

1. Fasten your seatbelts.
2. Start the car's engine until it's slightly purring.
3. Look around left and right then slowly release the clutch.
4. Disengage the handbrake cause we want to move!
   - If you're on an incline, make sure you don't go downhill. That would not be fun.
   - Do this by holding on the brake simultaneously.
5. Hold the clutch at biting point then slowly release.
6. Accelerate and then VROOOOM.

This is how a revving car sounds like!

Navigate this traffic and be ready for the roads!

Pull up to the nearest bakery:

- I don't like cakes.
- Grab a samosa. Yum.

Give a Feedback!

First Name:

Last Name:

How was the tutorial?
○ This helped! ○ Could be better.
Feedback:

Share Your Thoughts

WEB REFERENCE

https://www.w3schools.com/html/
https://www.w3schools.com/css/default.asp

CONCLUSION

Thus, HTML tags and basic CSS concepts have been successfully revised.