WEB TECHNOLOGY COMPUTER SCIENCE PRACTICE LAB FILE GRADE 11

1. Write the structure of HTML?

```
<!DOCTYPE html>
<html>
<head>
   <title>My Web Page</title>
</head>
<body>
   <h1>Welcome to My Website</h1>
   <p>This is a paragraph on my webpage.</p>
</body>
</html>
```

2. Write a HTML to Show the personal Information in the page.

```
<!DOCTYPE html>
<html>
<head>
   <title>Student Information</title>
</head>
<body>
   <h1>My Details</h1>
   <p>
     Name: Rajesh <br>
     Age: 28 years <br>
     Address: Sukhad Kailali, Nepal.
   </p>
</body>
</html>
```

3. Write Html to show the different lists

```
<!DOCTYPE html>
<html>
<head>
```

```html
    <title>HTML Lists Example</title>
</head>
<body>

    <!-- Ordered List (Numbered List) -->
    <h2>Ordered List</h2>
    <ol>
        <li>Apple</li>
        <li>Banana</li>
        <li>Mango</li>
    </ol>

    <!-- Unordered List (Bulleted List) -->
    <h2>Unordered List</h2>
    <ul>
        <li>Red</li>
        <li>Blue</li>
        <li>Green</li>
    </ul>

    <!-- Description List (Definition List) -->
    <h2>Description List</h2>
    <dl>
        <dt>HTML</dt>
        <dd>HyperText Markup Language</dd>

        <dt>CSS</dt>
        <dd>Cascading Style Sheets</dd>
    </dl>
</body>
</html>
```

4. **Write a html code to create a table .**

```html
<!DOCTYPE html>
<html>
```

```html
<head>
    <title>Simple Table</title>
</head>
<body>

    <h2>Student Information Table</h2>

    <table border="1">
      <tr>
        <th>Name</th>
        <th>Age</th>
        <th>Class</th>
      </tr>

      <tr>
        <td>Rahul</td>
        <td>16</td>
        <td>11</td>
      </tr>

      <tr>
        <td>Priya</td>
        <td>17</td>
        <td>11</td>
      </tr>
    </table>
</body>
</html>
```

5. **Write a simple Student Registration Form HTML code** including **checkbox, radio button, and grade selection.**

```html
<!DOCTYPE html>
<html>
<head>
```

```html
    <title>Student Registration Form</title>
</head>
<body>

<h2>Student Registration Form</h2>

<form>

  <label>Name:</label>
  <input type="text"><br><br>

  <label>Age:</label>
  <input type="number"><br><br>

  <label>Gender:</label>
  <input type="radio" name="gender"> Male
  <input type="radio" name="gender"> Female
  <br><br>

  <label>Subjects:</label>
  <input type="checkbox"> Math
  <input type="checkbox"> Science
  <input type="checkbox"> English
  <br><br>

  <label>Class:</label>
  <select>
    <option>11</option>
    <option>12</option>
  </select>
  <br><br>

  <input type="submit" value="Register">
  <input type="reset" value="Clear">
```

```
</form>
</body>
</html>
```

6. **Write html code to create contact form.**

```
<!DOCTYPE html>
<html>
<head>
  <title>Contact Form</title>
</head>
<body>

  <h2>Contact Us</h2>

  <form>
    Name:
    <input type="text"><br><br>

    Email:
    <input type="email"><br><br>

    Message:
    <br>
    <textarea rows="4" cols="30"></textarea>
    <br><br>

    <input type="submit" value="Send">
  </form>
</body>
</html>
```

7. **Write html to show the link in the page.**

```
<!DOCTYPE html>
<html>
<head>
```

```
    <title>HTML Link Example</title>
</head>
<body>
    <h2>Visit Website link</h2>
    <a href="https://www.google.com">Click Here to Open Google</a>
</body>
</html>
```

8. **Write a html to add an image in the page.**

```
<!DOCTYPE html>
<html>
<head>
    <title>HTML Image Example</title>
</head>
<body>
    <h2>My Favorite Image</h2>
    <img src="https://via.placeholder.com/150" alt="Placeholder Image" width="150" height="150">
</body>
</html>
```

9. **Write a html to add audio and video.**

```
<!DOCTYPE html>
<html>
<head>
    <title>Video and Audio Example</title>
</head>
<body>

    <h2>Video Example</h2>
    <video width="320" height="240" controls>
        <source src="video.mp4" type="video/mp4">
    </video>

    <h2>Audio Example</h2>
```

```
    <audio controls>
       <source src="song.mp3" type="audio/mpeg">
       </audio>
</body>
</html>
```

10. **Write the different ways of using CSS separate HTML CSS for all.**

Inline CSS: CSS is written inside the HTML tag using the style attribute.

```
<!DOCTYPE html>
<html>
<head>
    <title>Inline CSS Example</title>
</head>
<body>
    <h1 style="color: blue;">Welcome</h1>
    <p style="color: red;">This is inline CSS.</p>
</body>
</html>
```

Internal CSS: Internal CSS is written **inside the <style> tag** in the <head> section.

```
<!DOCTYPE html>
<html>
<head>
    <title>Internal CSS Example</title>
    <style>
       h1 {
          color: blue;
       }
       p {
          color: red;
       }
    </style>
```

```
</head>
<body>
    <h1>Welcome</h1>
    <p>This is internal CSS.</p>
</body>
</html>
```

External CSS: External CSS is written in a **separate file** (example: style.css).

HTML File (index.html)

```
<!DOCTYPE html>
<html>
<head>
    <title>External CSS Example</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <h1>Welcome</h1>
    <p>This is external CSS.</p>
</body>
</html>
```

CSS File (style.css)

```
h1 {
    color: blue;
}
p {
    color: red;
}
```