1. Create an image gallery that hold multiple images.
   Answer:-

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <img src="./Screenshot 2024-03-16 143052.png" width="400px" alt="dummy">
    <img src="https://wallpaperaccess.com/full/3771276.jpg" width="400px" alt="dummy">
    <img src="https://www.coderus.com/wp-content/uploads/2020/11/guide-to-embedded-systems-coderus.jpg" width="400px" alt="dummy">
    <img src="https://th.bing.com/th?id=OIP.fYNYPD4I0VGLDSDnAb67UQHaEK&w=333&h=187&c=8&rs=1&qlt=90&o=6&dpr=1.5&pid=3.1&rm=2" width="400px" alt="dummy">
</body>
</html>
```

2. Use video and audio tags to display video and audio with the playbacks audio controls.
   Answer:-

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <audio src="./example.mp3" controls >demo audio</audio>
    <br>
    <video src="./sample-5s.mp4" controls width="300px" >demo video</video>
</body>
</html>
```

3. Modify the previous assignment so that the audio and video play automatically as the page is loaded and they should play infinitely.
   Answer:-

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <audio src="./example.mp3" controls muted loop>demo audio</audio>
    <br>
    <video src="./sample-5s.mp4" controls muted loop width="300px" >demo video</video>
```

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

4. Use iframe to embed the physicsWallah Wikipedia page properly.

   Answer:-

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=, initial-scale=1.0">
   <title>Document</title>
</head>
<body>
 <iframe src="https://en.wikipedia.org/wiki/Physics_Wallah" style="border:0px;"
   name="myiFrame"
   scrolling="yes" frameborder="1" marginheight="0px" marginwidth="0px" height="400px"
   width="600px"
   allowfullscreen></iframe>
</body>
</html>
```

5. Create a sign-up and sign-in form with proper validations
   a. Sign up form should have a first names last names emails password confirm password age gender and agree to terms and conditions fields at minimum
   b. Sign in form should have email password field.

   Answer:-

```
<!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>

  <fieldset>
    <legend>Sign-up form</legend>
    <form action="" method="post">
      <label for="First Name">First Name</label>
      <input type="text" placeholder="First Name" id="First Name" name="First Name" required
min="3" max="20">
      <br>
      <label for="Last Name">Last Name</label>
      <input type="text" placeholder="Last Name" id="Last Name" name="Last Name" required
min="3" max="20">
      <br>
      <label for="email">Email ID</label>
```

```html
        <input type="email" name="Email" id="email" placeholder="Email id" required min="3"
max="20">
        <br>
        <label for="password">password</label>
        <input type="password" name="Password" id="password" placeholder="passwrord" required
min="3" max="20">
      <br>
      <label for="confirm password">confirm password</label>
        <input type="password" name="Password" id="confirm password" placeholder="confirm
passwrord" required min="3" max="20">
      <br>
      <label for="age">age</label>
      <input type="number" name="age" id="age" placeholder="age" required min="3" max="150">
      <br>
      <label for="gender">gender:
        <input type="radio" name="male" id="male" value="male" >
        <label for="male">male</label>
        <input type="radio" name="female" id="female" value="female">
        <label for="female">female</label>
        <input type="radio" name="other" id="other" value="other">
        <label for="other">other</label>
      </label>
      <br>
      <label for="term">terms and conditions</label>
      <input type="checkbox" name="terms" id="term">I agree
      <br>
      <input type="submit" value="Submit">
      </form>
    </fieldset>
    <br>
    <br>
<fieldset>
    <legend>sign-in from</legend>
    <form action="" method="get">
      <label for="email">email</label>
      <input type="email" name="email" id="email" placeholder="email" required min="3"
max="20">
      <br>
      <label for="password">password</label>
      <input type="password" name="password" id="password" placeholder="password" required
min="3" max="20">
    <br>
    <input type="button" value="sign-in">
    </form>
</fieldset>
</body>

</html>
```