

Lahore Garrison University

DHA Phase 6 Lahore



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Lab-Task#04

Lab 4: Forms & Multimedia

Step-by-Step Solution

Objectives Recap

- Create an accessible HTML feedback form.
- Embed audio and video.
- Use for basic static drawing.

Tools Required

- VS Code (code editor)
- Live Server (for preview)
- W3C Validator (for form validation)

Step 1: Create the HTML Structure

```
labtask4.html
labtask4.html > html > body > form > input#email
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <title>Lab 4: Feedback Form & Multimedia</title>
6 </head>
7 <body>
8 <h1>Feedback Form</h1>
9 <form action="#" method="post">
10 <!-- Name Input -->
11 <label for="name">Name:</label>
12 <input type="text" id="name" name="name" required placeholder="Enter your name"><br><br>
13 <!-- Email Input -->
14 <label for="email">Email:</label>
15 <input type="email" id="email" name="email" required placeholder="Enter your email"><br><br>
16 <!-- Gender Radio Buttons -->
17 <label>Gender:</label>
18 <input type="radio" id="male" name="gender" value="male">
19 <label for="male">Male</label>
20 <input type="radio" id="female" name="gender" value="female">
21 <label for="female">Female</label><br><br>
22 <!-- Interests Checkboxes -->
23 <label>Interests:</label>
24 <input type="checkbox" id="coding" name="interest" value="coding">
25 <label for="coding">Coding</label>
26 <input type="checkbox" id="design" name="interest" value="design">
27 <label for="design">Design</label><br><br>
28
29 <!-- Select Dropdown -->
30 <label for="experience">Experience Level:</label>
```


Feedback Form

Name:

Email:

Gender: ☒ Male ☐ Female

Interests: ☒ Coding ☐ Design

Experience Level: 

Comments:

I have chosen Web Development as my profession

Step 2: Embed Audio and Video:

```
<h2>Multimedia Demo</h2>

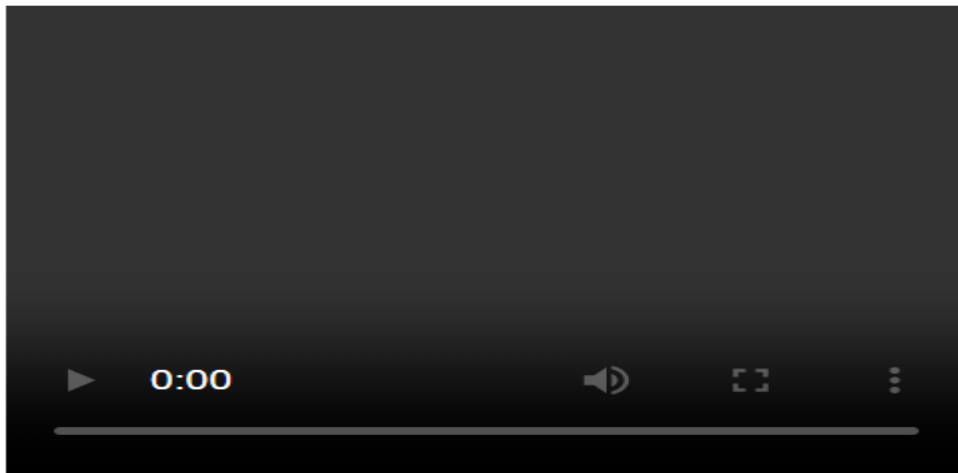
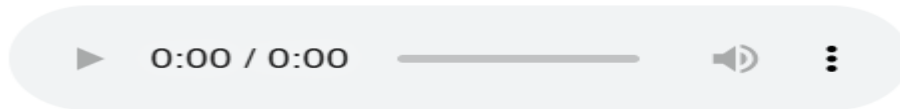
<!-- Audio -->
<audio controls>
  <source src="sample-audio.mp3" type="audio/mpeg">
  Your browser does not support the audio element.
</audio><br><br>

<!-- Video -->
<video width="320" height="240" controls>
  <source src="sample-video.mp4" type="video/mp4">
  Your browser does not support the video tag.
</video><br><br>
```

Step 3: Add Canvas Drawing:

Feedback Form

Multimedia Demo



Step 3: Add Canvas Drawing:

```
<h2>Canvas Demo</h2>
<canvas id="myCanvas" width="200" height="100" style="border:1px solid #000000;"></canvas>
<script>
  const canvas = document.getElementById("myCanvas");
  const ctx = canvas.getContext("2d");
  ctx.fillStyle = "#FF0000";
  ctx.fillRect(20, 20, 150, 50); // Draw a red rectangle
</script>
```

Feedback Form

Canvas Demo



Final Deliverables

- `feedback-form.html` with:
 - Accessible form (labels, placeholders, validation)
 - Embedded audio and video
 - Canvas with static drawing
-

CONCLUSION:

RUBRICS:

Performance			Lab Report		
Description	Total Marks	Marks Obtained	Description	Total Marks	Marks Obtained
Ability to Conduct practical	5		Structure	5	
Data Analysis & Interpretation	5		Efficiency	5	