

Validation Using JavaScript

a. Using HTML, CSS create a bouncing loader animation. **b.**

Create photo gallery with CSS Flex.

c. Apply Flex property on flex container and flex child.

TAGS USED	ATTRIBUTES USED	DESCRIPTION
<HTML>	--	Write the description of HTML tags and attributes
<HEAD>	--	
<TITLE>	--	Placed inside <head>.
<BODY>	BGCOLOR,TEXT, BACKGROUND	Contains all visible content on the webpage.
<H2>,<H3>,	ALIGN	Contains metadata,tittle, and Internal css.
<meta>	content="width=device-width, initial-scale=1.0"	Makes the webpage responsive (controls width and zoom)
<meta>	name="viewport"	Use for table heading
<div>	class="loader"	Applies CSS styling for loader container
<HR> (Horizontal Rules)		
 (Break Line)	--	

Final Outcome:

← → ⌂ File C:/Users/viru/OneDrive/Desktop/html%20coding/web.html/form.html

Register for Music Vibes

Username:

Email:

Password:

Upload Your Track

Artist Name:

Track Title:

Upload MP3: Choose File No file chosen

Code Snippet:

```
<h2>Register for Music Vibes</h2>
<form id="registerForm" onsubmit="return validateRegisterForm()">
<label>Username:</label>
<input type="text" id="username" required><br>

<label>Email:</label>
<input type="email" id="email" required><br>

<label>Password:</label>
<input type="password" id="password" required><br>

<button type="submit">Register</button>
</form>

<script>
```

```
function validateRegisterForm() {  
    const username = document.getElementById("username").value.trim();  
    const email = document.getElementById("email").value.trim();  
    const password = document.getElementById("password").value;  
  
    if (username.length < 3) {  
        alert("Username must be at least 3 characters.");  
        return false;  
    }  
  
    if (!email.includes("@")) {  
        alert("Please enter a valid email.");  
        return false;  
    }  
  
    if (password.length < 6) {  
        alert("Password must be at least 6 characters.");  
        return false;  
    }  
  
    alert("Registration successful!");  
    return true;  
}  
</script>
```

```
<h2>Upload Your Track</h2>  
<form id="uploadForm" onsubmit="return validateUploadForm()">  
    <label>Artist Name:</label>  
    <input type="text" id="artist" required><br>  
  
    <label>Track Title:</label>  
    <input type="text" id="title" required><br>  
  
    <label>Upload MP3:</label>  
    <input type="file" id="trackFile" accept=".mp3" required><br>
```



```
<button type="submit">Upload</button>
</form>
```

```
<script>
function validateUploadForm() {
    const artist = document.getElementById("artist").value.trim();
    const title = document.getElementById("title").value.trim();
    const file = document.getElementById("trackFile").files[0];

    if (artist === "" || title === "") {
        alert("Artist and Title are required.");
        return false;
    }

    if (!file || !file.name.endsWith(".mp3")) {
        alert("Please upload a valid MP3 file.");
        return false;
    }

    alert("Track uploaded successfully!");
    return true;
}
</script>
```