



**Instructor: Muhammad Bilal Khan**

## **Lab Task 04 – Basics of HTML5**

The purpose of this lab is to get you in touch with the basics of HTML5. These include the use of tables, audio files and images in a web page. This lab also contains the use of forms and validation techniques applied on elements of the form.

### **Question 01:**

Create an HTML page and try to run different Audio sounds using the respective links. The output of the webpage should be displayed as the one shown in figure below.

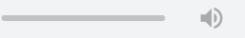
1. When user clicks on Audio 1 hyperlink, then 'sound.mp3' should be played.
2. When user clicks on Audio 2 hyperlink, then 'sound2.mp3' should be played.
3. Both audio files are available in the mail for Lab 04.
4. The name of <audio> tag should be 'myAudio'.
5. JavaScript code for dynamically changing the sources in given below.
6. Use these functions with the hyperlinks to achieve your desired result.

```
1. <script>
2.     function audio1Function() {
3.         var aud = document.getElementById("myAudio");
4.         aud.src = "sound.mp3";
5.         aud.load();
6.     }
7.
8.     function audio2Function() {
9.         var aud = document.getElementById("myAudio");
10.        aud.src = "sound2.mp3";
11.        aud.load();
12.    }
13. </script>
```

7. The code for hyperlinks is given below.

```
8. <li><a href="#" onClick="audio1Function()">Audio 1</a></li>
9. <li><a href="#" onClick="audio2Function()">Audio 2</a></li>
```

### **Final Output:**

<ul style="list-style-type: none"><li>• <a href="#">Audio 1</a></li><li>• <a href="#">Audio 2</a></li></ul>	<div>Bilal Khan - 12345</div> <div>▶ 0:00 / 0:00 </div> <div>©2019 Copyrights reserved</div>
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### **Question 02:**

Create an HTML file in Dreamweaver and write the code to create a form such as the one shown in the output. When creating the code for your form, you must use the HTML5 tags that are appropriate to replicate the form and fulfil all the specifications listed.

1. Code the form with autocomplete active.
2. Given the image shown, it is easy to see that two field sets are used to create the main structure of the form. Your task is to create the field sets, including the names Customer Info and Books.
3. The Name field you create should have autofocus, placeholder text, and be required. Don't forget to select the appropriate type for this field as well as all the fields that follow.
4. The Telephone field should have placeholder text, a pattern to restrict entry, and be required.
5. The Email address field should have placeholder text and consist of a pattern for email. This field should also be required.
6. The Books field should have a data list. You can select the content you would like to list with at least 3 values.
7. The Quantity field should be numeric and have a minimum value of 1 and a maximum value of 5.
8. The form should also consist of a 'Submit' button at the end of the form.

### **Final Output:**

Customer Info	
Name:	<input type="text" value="Enter your name"/>
Telephone:	<input type="text" value="Pattern 03xx-1234567"/>
Email Address:	<input type="text" value="Enter your email address"/>

Books	
Book Name:	<input type="text"/>
Quantity:	<input type="text"/>

Submit