**Practical 05: Working with Multimedia**

**Section A:**

**Lab Exercise (Compulsory)**

Book : Carey, P. 2017. New Perspectives on HTML5 and CSS – Comprehensive. 7th Edition. CengageLearning.

Page : 655 to 656

Exercise (s): Review Assignments (Tutorial 8)

**Additional Lab Exercise (Optional)**

Book : Carey, P. 2017. New Perspectives on HTML5 and CSS – Comprehensive. 7th Edition. CengageLearning.

Page : 652 to 654

Exercise (s): Case Problem 1 (Tutorial 8)

**Section B:**

Question 1

1. Insert an audio clip named “***let\_it\_go.mp3***” that will start automatically with controls displayed and loop infinity.
2. Revise the code from the Question 1 (i) based on the following specifications.

- Allow the browser to choose between the ***let\_it\_go.mp3*** and ***let\_it\_go.ogg*** audio files.

- Use the <embed> element to insert the let\_it\_go.mp3 file, so the old browsers can play the audio by Apple’s QuickTime Player

Question2

1. Insert a video clip named “***shake\_it\_off.mp4***” with 500 pixels width and 350 pixels height and controls displayed.
2. Revise the code from the Question 2 (i) based on the following specifications.

-allow the browser to choose between the shake\_it\_off.mp4 and shake\_it\_off.webm audio files

-use the cp\_photo2.png file as the poster image for the video clip.

-use the <em> and <p> tags to display the following message if the browsers that don’t support the video element.

“To play this video clip, your browser needs to support HTML5”

Question 3

1. Use transition style to change hypertext link properties in response to the hover event.

-the background color from yellow to blue over a 4-second interval

-the font size from 1em to 3em over a 3-second interval

-the font color from black to white over a 2-second interval

1. Revise the code from the Question 3 (i) to change all properties of hypertext link over a 5-second interval using linear timing and a half-second delay in response to the hover event.

1. Discuss THREE (3) limitations of transition

Question 4

Complete the HTML document based on the following specifications.

* apply changebackground animation and changecolor animation to the h1 element with content “Welcome to Hotel Web Site”
* the changebackground animation is applied for 3 seconds using ease-in timing between the key frames and repeated 2 times.
* the changecolor animation is applied for 3 seconds using linear timing and repeated continuously.

<!DOCTYPE html>

<head>

<style>

/\* Key Frames Styles \*/

@keyframes backgroundchange {

0% {background: lightblue;}

50% {background: lightgreen;}

100% {background: lightyellow;}

}

@keyframes colorchange{

0% {color: black;}

50% {color: red;}

100% {color: blue}

}

/\* Animation Styles \*/

</style>

</head>

<body>

<h1 style="width:30%; position:relative"> Welcome to our web site </h1>

</body>

</html>