

BTH645- Lab 3 (A) [10 marks]

Due: Monday Feb 15, 2021 @ 23:59

Objective:

- Understand sound in multimedia presentations.
- Practice with sound editing and conversion with different formats.

Requirements/ Specifications:

Create a page **lab3.html**. Link it to your portfolio website which was created in lab1.

Specifications are as follows:

- Provide time stamp “**last modified ...**” on **lab3.html**.
- Use a sound editing and recording software, e.g., **Audacity** or others, to create and/or edit a sound file.

Free download for Audacity at <https://www.audacityteam.org/download/>.

The following description is based on Audacity. You can use other software.

- **Create/Record** an audio file (you can record using Audacity). You can sing, talk, or play instrument, anything creative. ☺ save it in a proper format or different formats. **Discuss** the reason why you choose this/these format(s).
- You can choose your own audio file (you just recorded), or an existing audio file that you are allowed to use.
 - Open this file in Audacity and export/convert the file as **different formats**, such as wav, mp3, ogg, and flac.
 - **Edit** the sound file, such as:
 - Copy, Cut, repeat, reduce noise, equalize, normalize, add layers, and more.
 - **IMPORTANT**: provide the **description** about your action, what you have done for editing. For example, you moved a word in a song to somewhere. Or you add the background music to the narrative speech.
- In summary, you need to
 - Publish **two or three** sound files on your website (**lab3.html**),
 - (1) the file you recorded/ created,
 - (2) an original audio file, could be one of the following two cases
 - a) it can be the file you recorded, then you don't need to post it again.
 - b) use a copy-right free file, then post it to lab3.html
 - (3) the file you edited.
 - On the same page (**lab3.html**), or link to a different page, discuss the following topics.

Note: you can have something same/similar from the in-class discussion board. The point is to think about the topics and do research on discussion board and use the knowledge and guidelines here in the lab.

 - (1) the reason of choosing the file format when creating your audio
 - (2) the use of audio on your website regarding usability.
 - (2) any thoughts on different audio file formats, e.g., cons, pros, when to use.
 - (3) description of your editing on the file, e.g., cutting, assembly, fadein, fadeout, etc.

Evaluation:

- 1) Properly displayed the original audio file, either your recording or a royalty-free audio file. **[1 marks]**
- 2) Reasonably edited the above audio file and properly displayed it on your site. **[2 marks]**
- 3) Properly displayed the file you recorded/ created on your site. If you posted your recording as the original file in step 1), you don't need to redo it in this step.
- 4) Discussion on the following topics. **[4 marks]**
 - (1) the reason of choosing the file format when creating your audio
 - (2) the use of audio on your website regarding usability.
 - (3) any thoughts on different audio file formats, e.g., cons, pros, when to use.
 - (4) description of your editing on the file, e.g., cutting, assembly, fadein, fadeout, etc.
- 5) All links/ display properly (Function well). **[1 mark]**
- 6) Display the Timestamp: "Last modified date..." on this page (lab3.html). **[1 mark]**
- 7) The effort, quality, and contents **[1 mark]**

Submission:

You do not need to explicitly submit this lab. Just work on it and make it active online when it's ready. Will be checked after the due date.

Academic Policy:

Seneca's Academic Policy will be strictly enforced.

<http://www.senecacollege.ca/academic-policy/index.html>

Evaluation:

- 8) Accomplish the required tasks as described above. [4 marks]
- 9) All links/ display properly (Function well) [1 mark]
- 10) The effort [1 mark]
- 11) The quality of the sound files you created/ modified [1 mark]
- 12) The level/ depth of your discussion, your thoughts, your knowledge (shown from your work). [3 marks]

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Student Oath:

A signed declaration of honesty must be included in your work.

I declare that this is wholly my own work in accordance with Seneca Academic Policy. No part of this work has been copied manually or electronically from any other source (including web sites) or distributed to other students.

Name _____ Student ID _____