

Cambridge International AS & A Level Information Technology 9626

For examination from 2017

Topic 10 Sound and video editing **Sub-topic 10a Sound editing – Task 1**

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Version 1



Audio editing task guide

These tasks could be attempted using almost any audio editing application. There are also a number of video editing applications with the facilities to edit audio to the extent required for the tasks. The software used in the screenshots shown below was Audacity®.

Audacity was chosen because it is a free open source digital audio editor and recording application and is available for different operating systems such as Windows, OS X and Linux varieties. Audacity can record audio from multiple sources and can be used for post-processing of all types of audio.

The tools needed for these tasks are simple and available in all audio editing applications. In most cases the menu items and tool buttons use the same text and the same symbols.

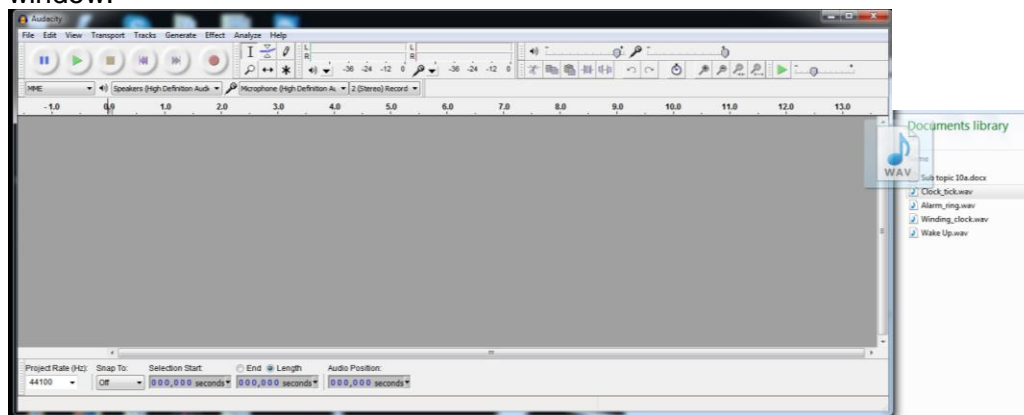
These tasks are designed to be undertaken as a learning process. Learners should be encouraged to use the tasks to explore the menu items and tools available in the software.

Often there is more than one way to satisfy the requirements of the task. At first, the exercises should be about exploring a variety of options and not about determining the most efficient methods. It is recommended therefore, that learners begin the tasks without access to this tutorial material.

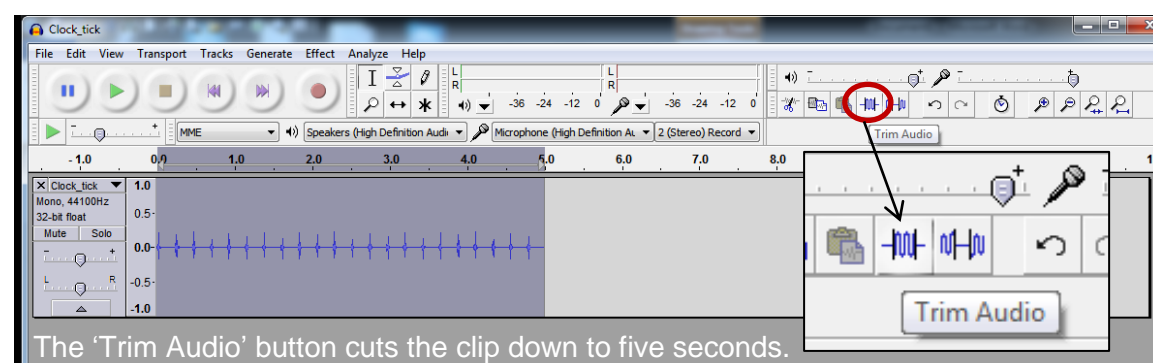
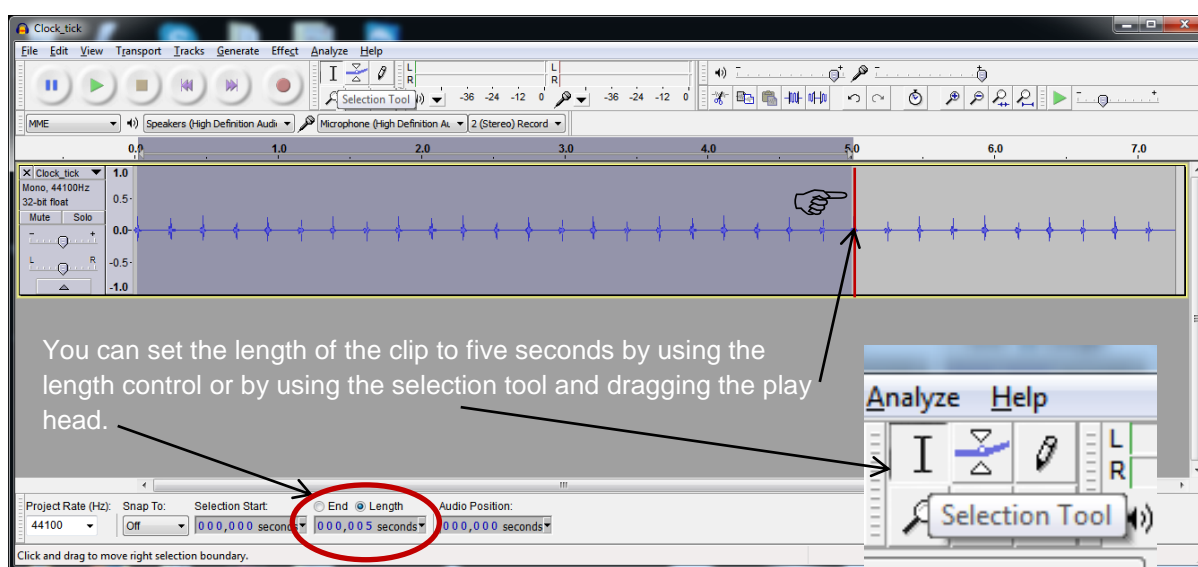
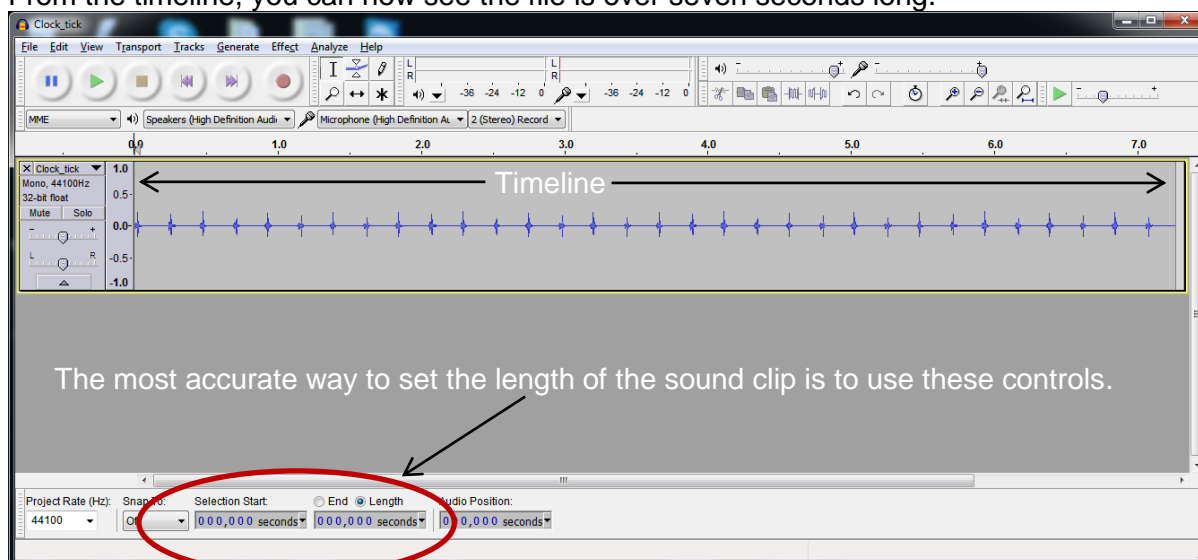
Task 1

(1) Extract five seconds of ticking clock sound from the **Clock_tick.wav** file. Export the file in **.mp3** format at 128 kbps.

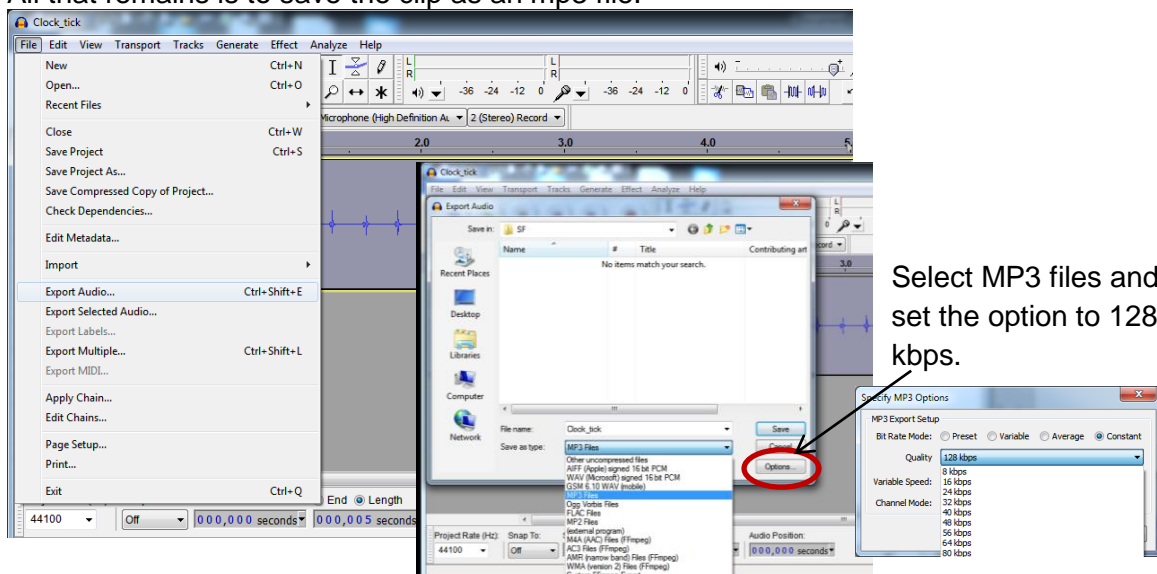
The easiest way to open the **Clock_tick.wav** file is to drag and drop the file into the Audacity window.



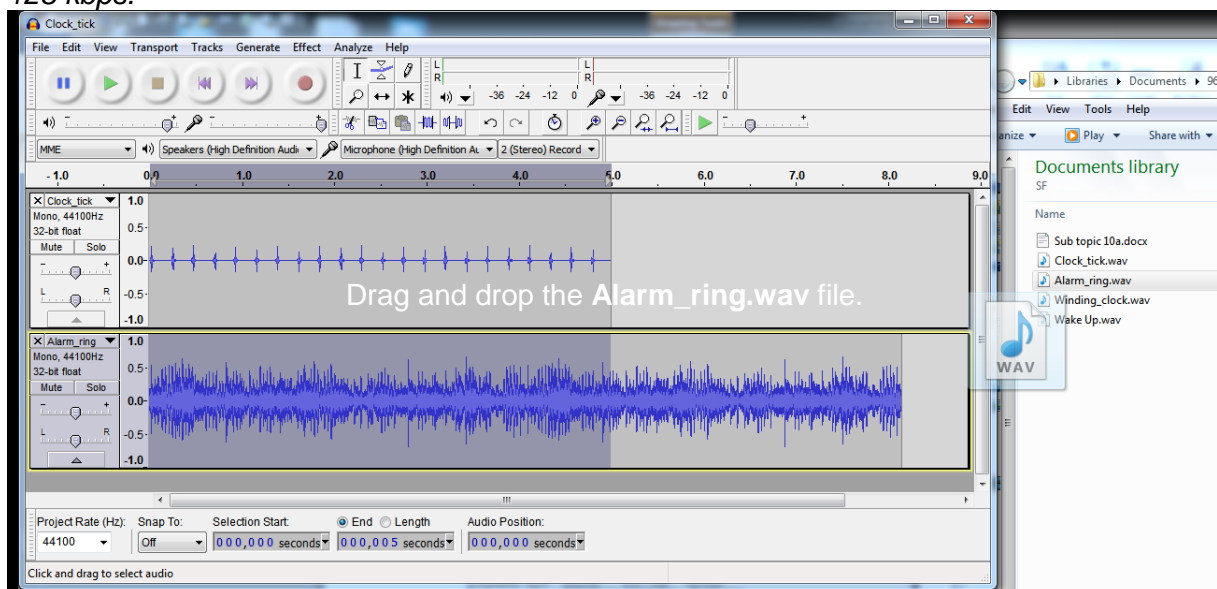
From the timeline, you can now see the file is over seven seconds long.

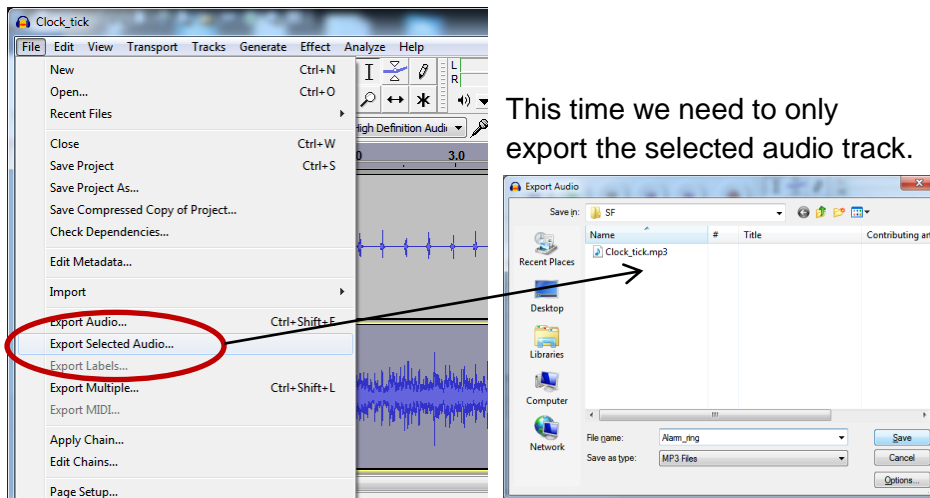
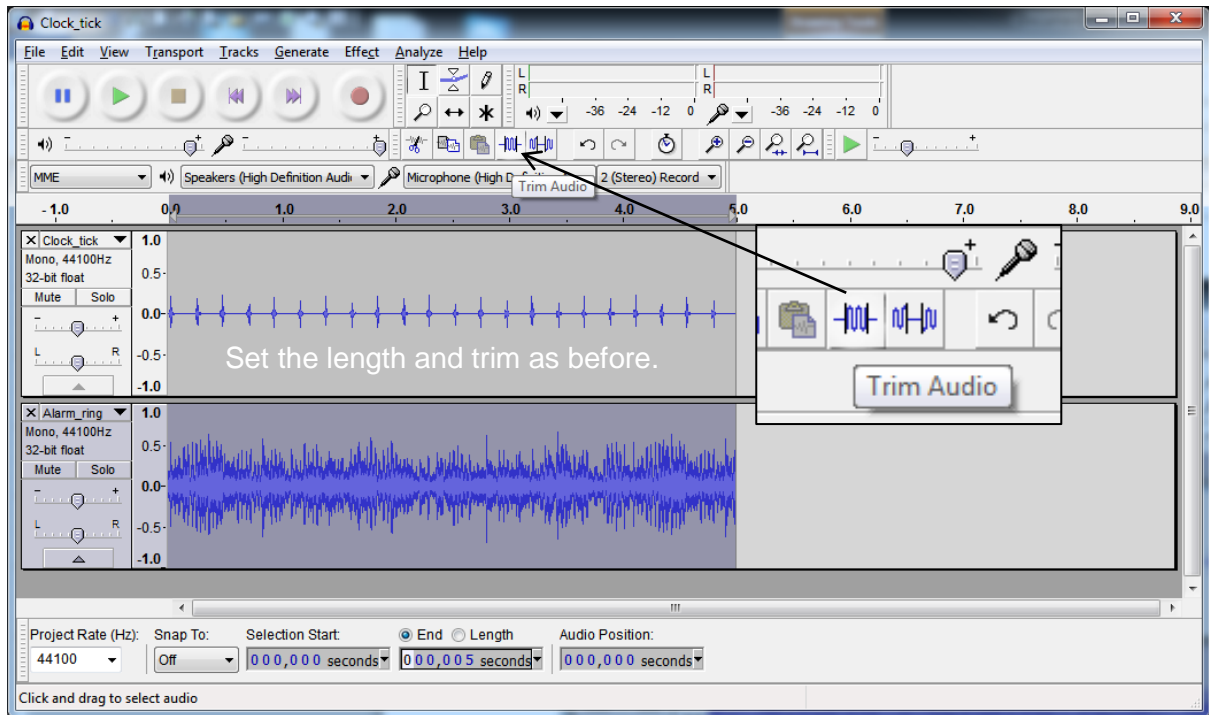


All that remains is to save the clip as an mp3 file.



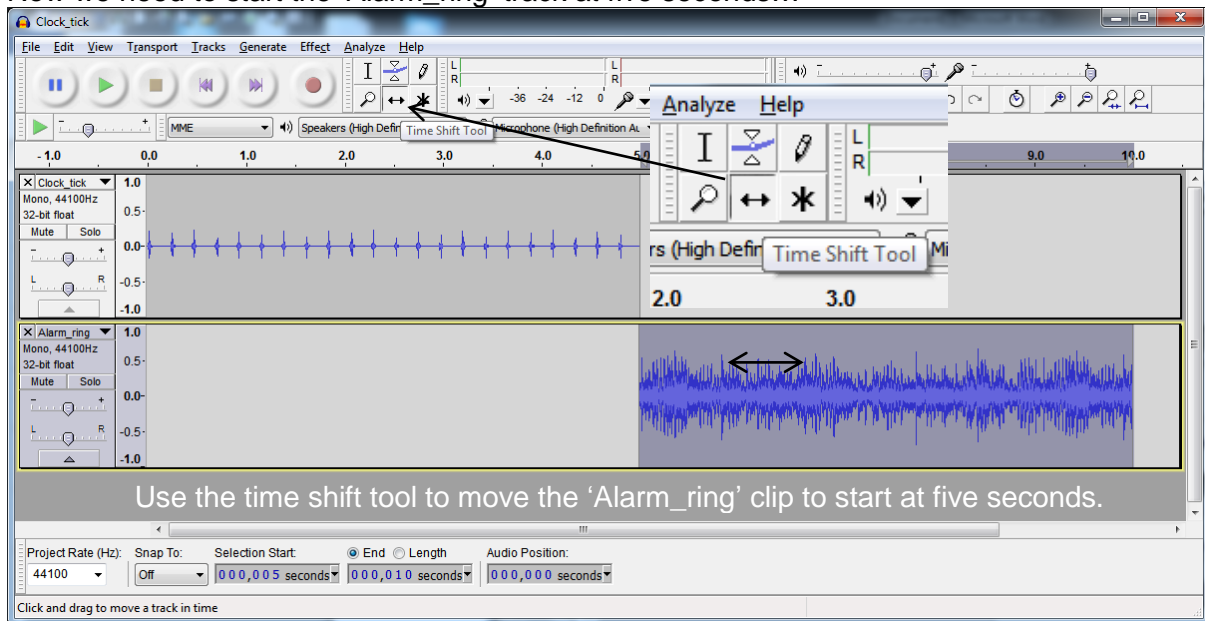
(2) Trim the **Alarm_ring.wav** file to be five seconds long. Export the file in **.mp3** format at 128 kbps.



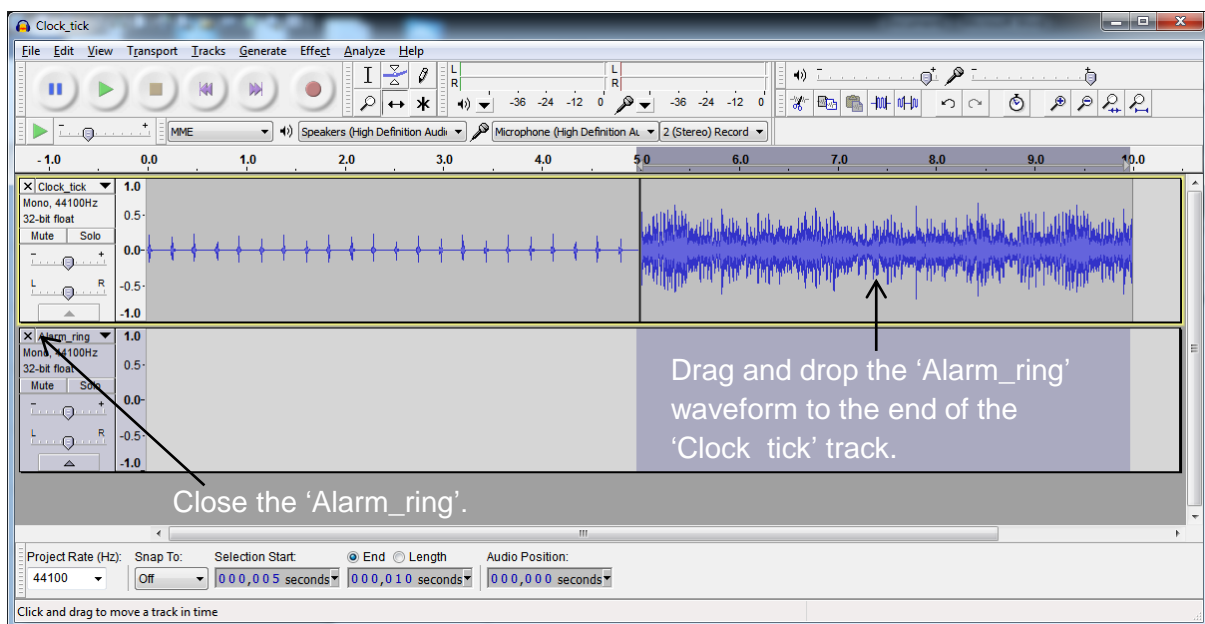


(3) Create a single file of the clock ticks followed by the alarm ringing (10 seconds).
Export the file in **.mp3** format and save as **timer1.mp3**.

Now we need to start the 'Alarm_ring' track at five seconds...



...and add the track to the end of the 'Clock_tick' track.



Finally, export the finished track as **timer1.mp3**.

