Topic support guide

Cambridge International AS & A Level
Information Technology
9626
For examination from 2017

Topic 10 Sound and video editing
Sub-topic 10b Video editing – Task 2

A DIVISION OF
CAMBRIDGE ASSESSMENT

Video editing task guide

The task guides show generic techniques but all the work is done using **Windows Movie Maker**[®]. This application was chosen because it is likely to be the most widely available as it is bundled or available as a free download in all versions of Windows. Windows Movie Maker has all the tools and features necessary for all practical work for the exam specification.
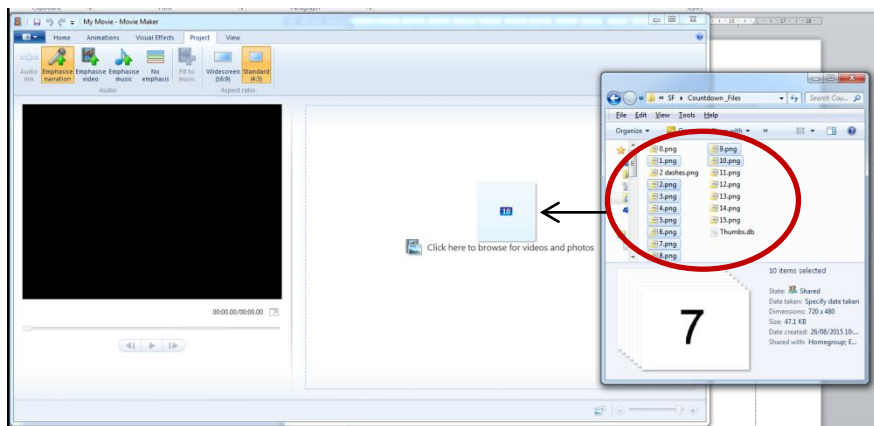
The techniques and skills learned using Movie Maker will be transferrable to other video editing applications. Probably the only difficulty with using other applications will be finding the tools and menu items in other workspaces.
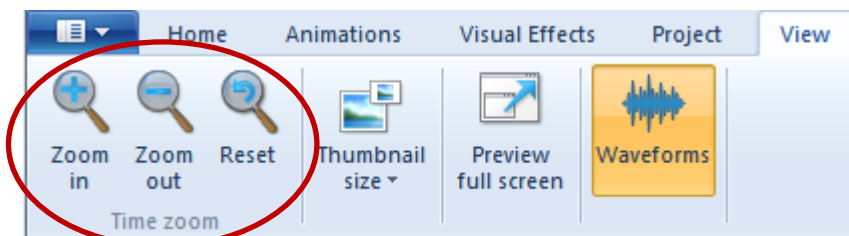
Task 2

When working on this task it is advisable to save your work as a project as well as a movie. The project file keeps discrete clips and this makes it easier to amend and add additional features.
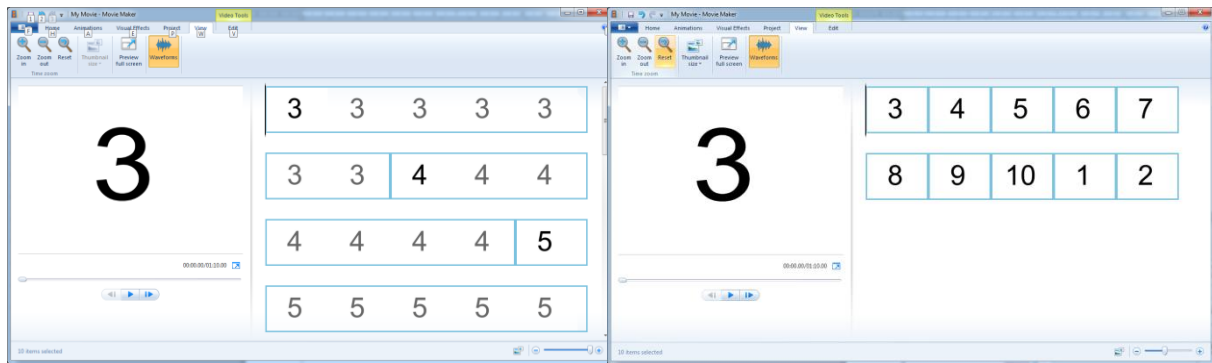
(1) Use the images in the Countdown_Files folder to create a countdown timer from 10 to 1.

The quickest way to load the files is to drag and drop them into Movie Maker. Find the source files and select the numbers 1 to 10 only. You can drag and drop them one by one or all at once.
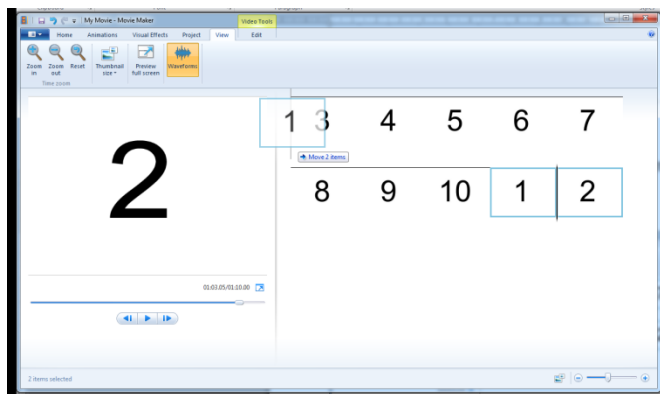

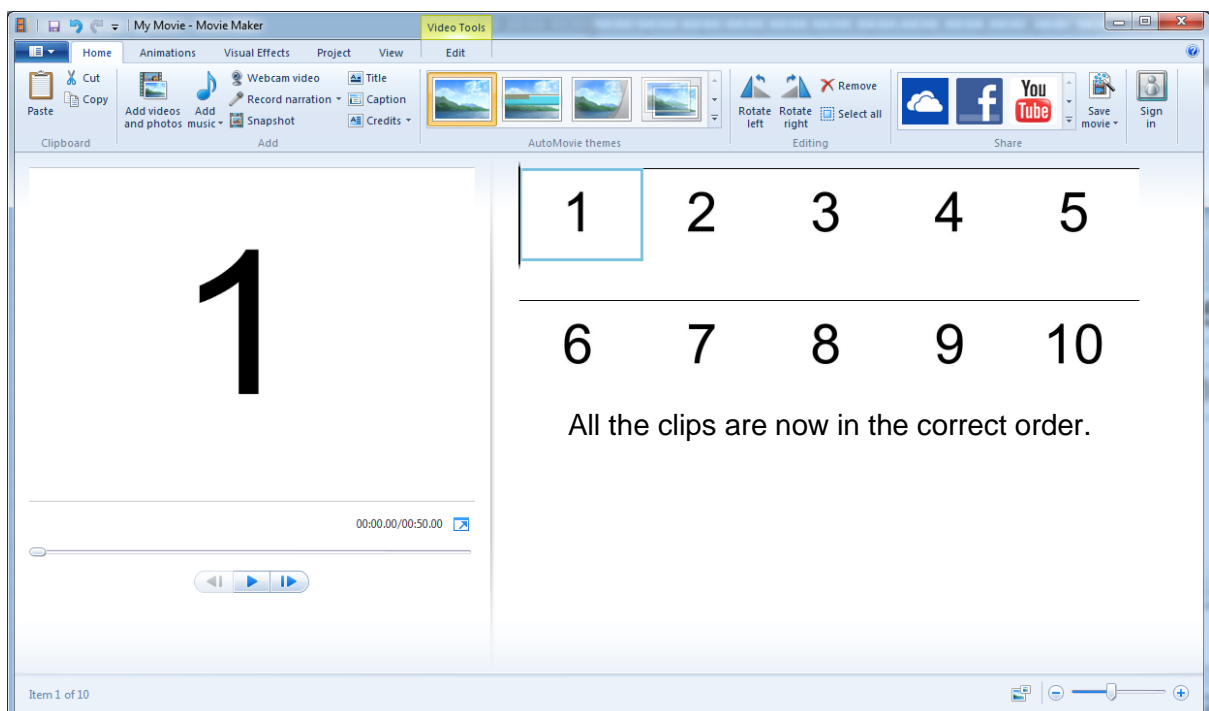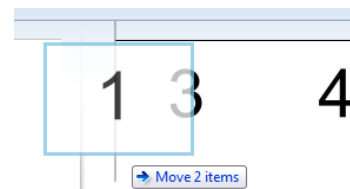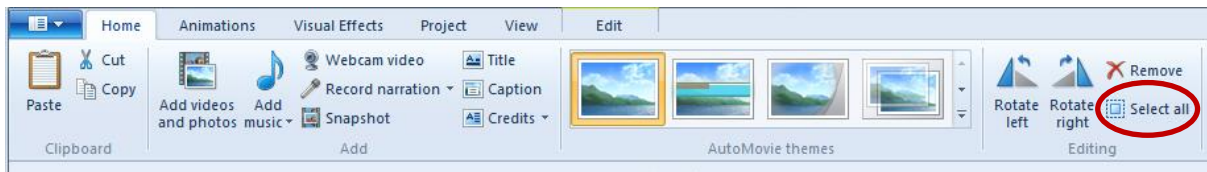You can then use the 'Time zoom' controls to adjust the display of the clips.

(2) Ensure the numbers are in the correct sequence and each one is displayed for one second.
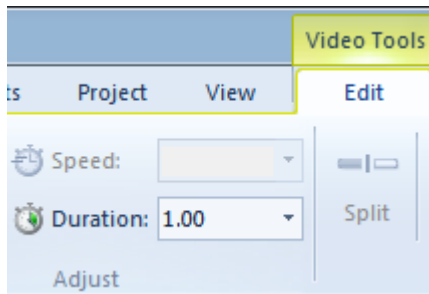

As in task 1 you can select the clips that are out of order and move them to the correct place in the sequence.

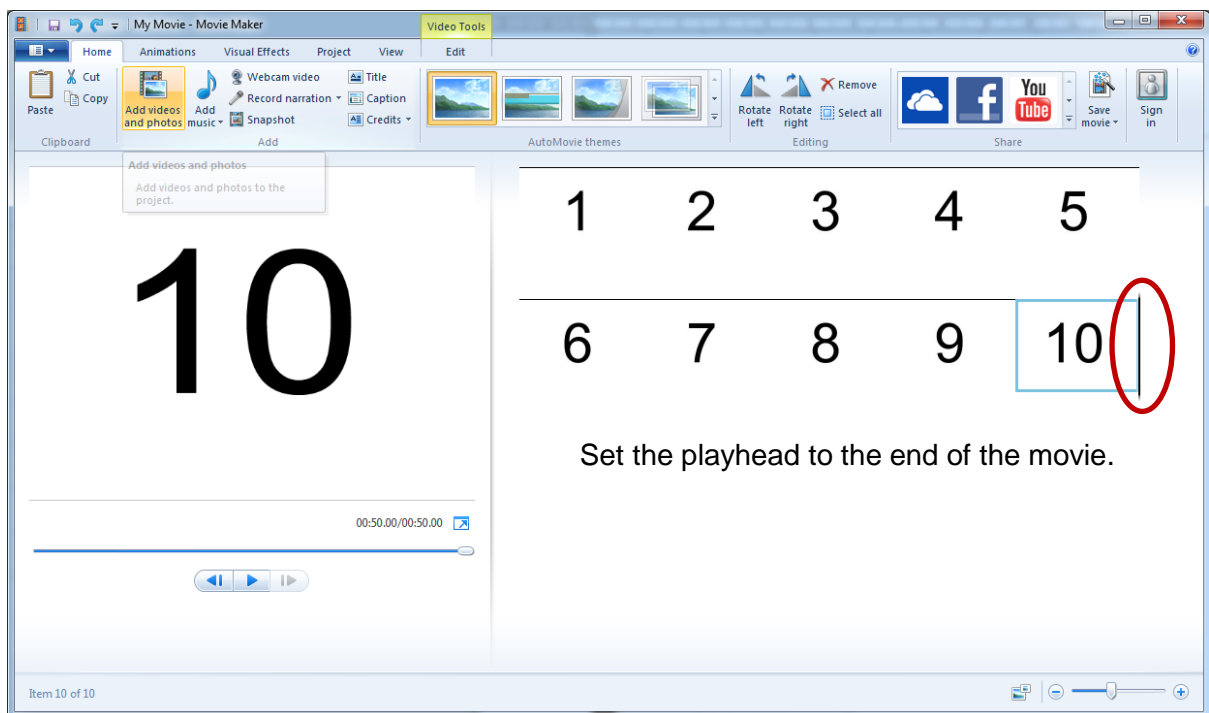All the clips are now in the correct order.

To make each one display for one second, on the 'Home' tab of the ribbon click the 'Select all' icon.
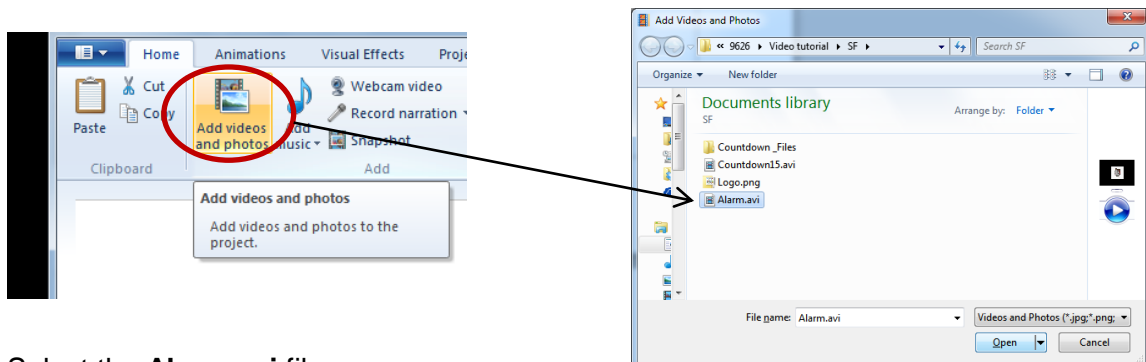
Now that all the clips are selected, set the 'Duration' of each clip to one second.
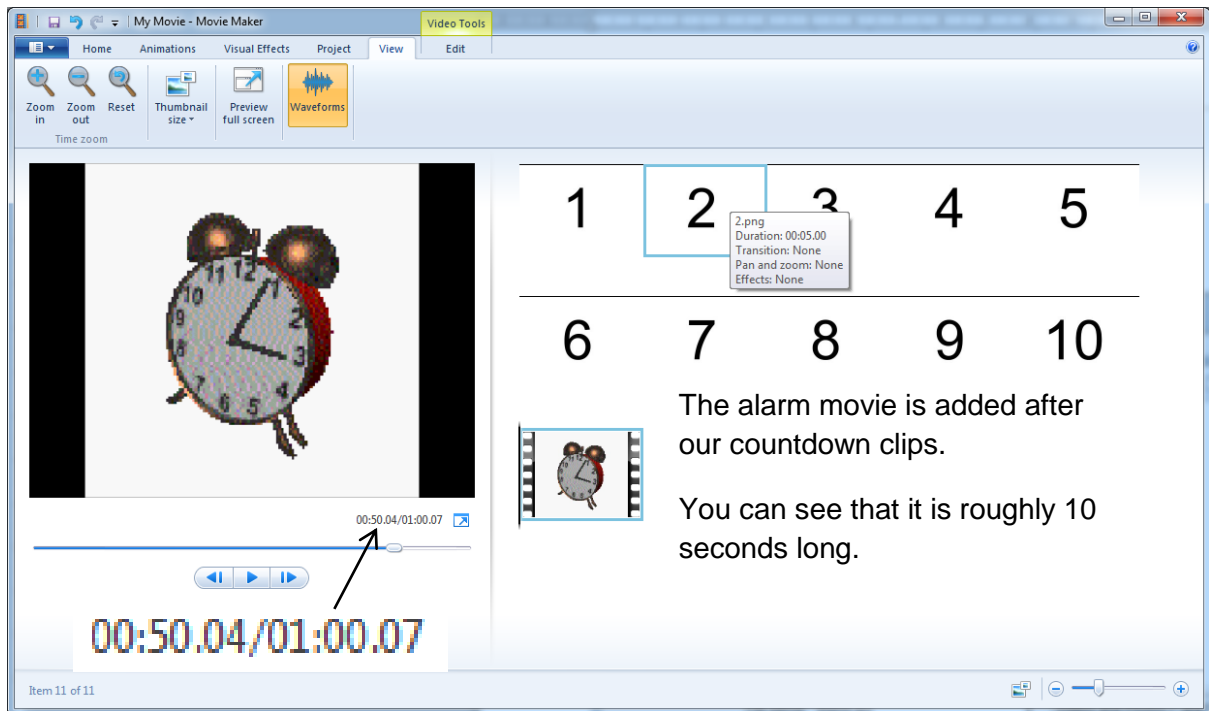

*(3) Add the **Alarm.avi** movie as a clip at the end of the movie.*

Set the playhead to the end of the movie.

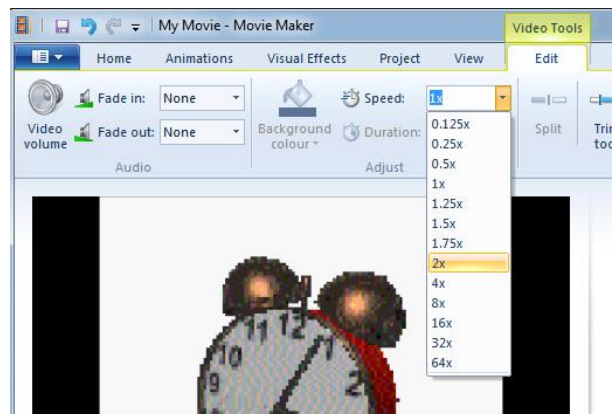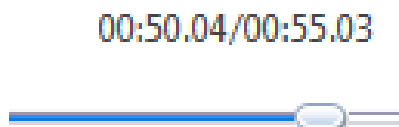From the 'Home' tab click the 'Add videos and photos' icon.

Select the **Alarm.avi** file.

(4) Change the speed of the alarm clip so that it is five seconds long.

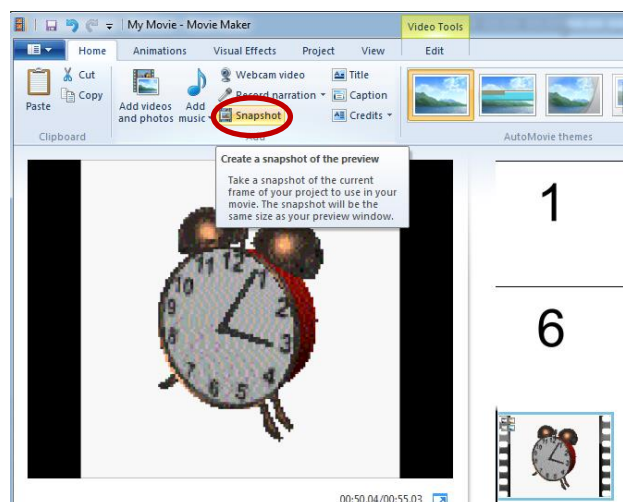Use the 'Speed' control in the 'Edit' menu to double the speed.

The alarm movie should now last only about five seconds.

00:50.04/00:55.03

(5) Take a snapshot of the alarm clock.

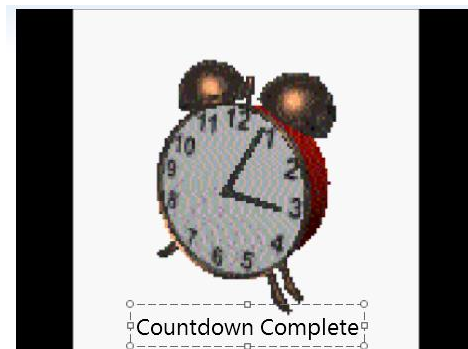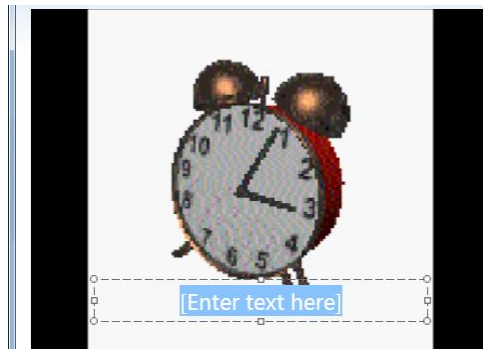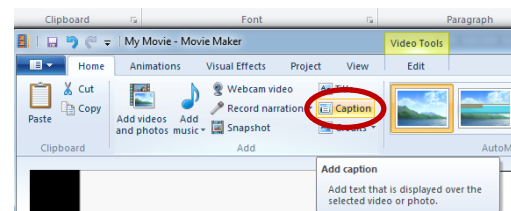Select the alarm movie clip and click the 'Snapshot' icon in the 'Home' tab ribbon.

A single frame snapshot from the alarm movie will be added after the clip.

(6) Add a caption with the text 'Countdown Complete' and display the caption for three seconds.
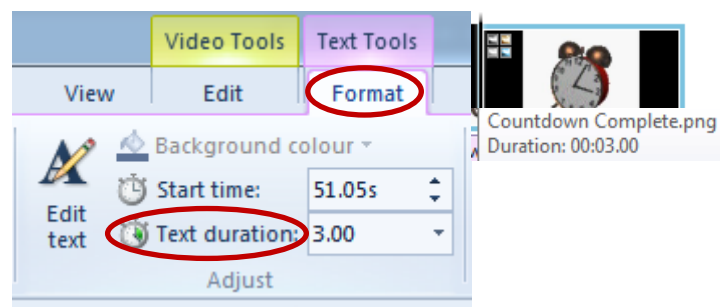
With the snapshot still selected, click the 'Caption' icon on the 'Home' tab ribbon.

You can then enter the text.

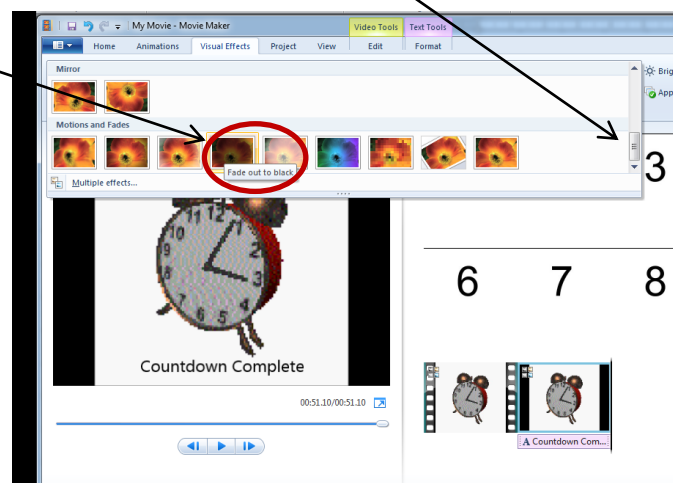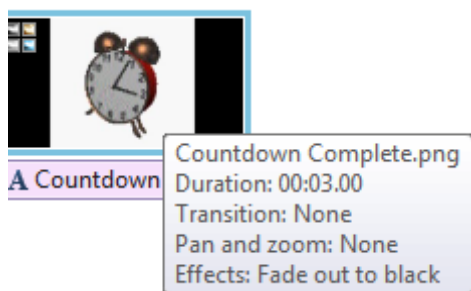Make sure the snapshot is still selected and display the 'Format' menu.

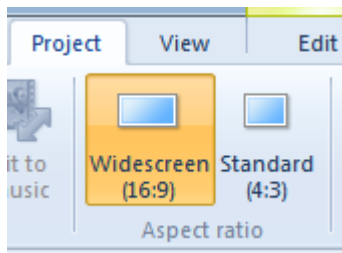Set the duration to three seconds.

(7) Add an effect to fade the snapshot to black.

Click the 'Visual Effects' tab and expand the options using the scroll controls to display the 'Motions and Fades' options.

Move the mouse pointer and hover over the options until you find the 'Fade out to black' icon.

(8) Set an aspect ratio of 16 : 9

Click the project tab to display the aspect ratio options.
Click the 'Widescreen (16 : 9)' icon.

*(9) Save the movie for viewing with a resolution of 854 × 480 as **Countdown10.mp4**.*

Click on the project icon and select 'Save movie'.

Move the mouse pointer and hover over the settings menu and find the 854 × 480 setting.

Click to choose the 854 × 480 setting, select the MPEG (*.mp4) option and click 'Save'.