

CS 1033

Multimedia and Communications

Lab 09: Videos with Windows Movie Maker

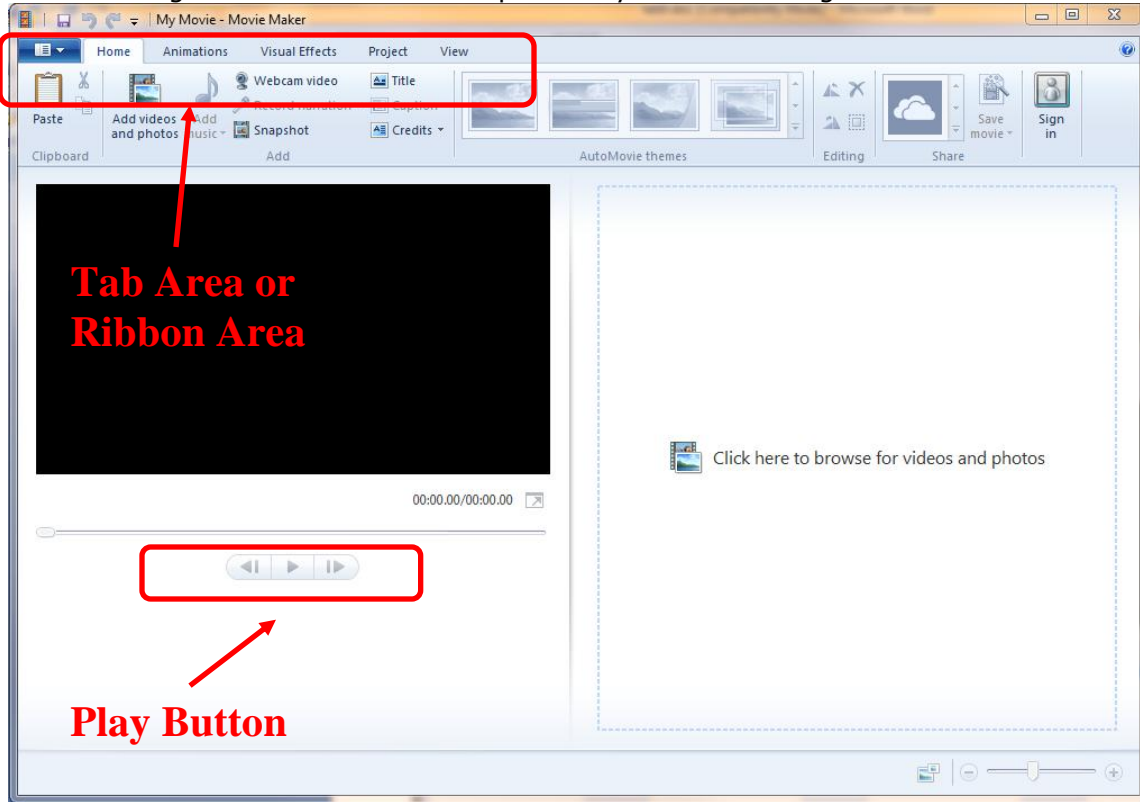
NOTE: you will need headphones for this lab to plug into the computer. In the labs, try doing the following if the front headphone jacks are not working:

Start>Control Panel>Sound Effects Manager>Front Panel>Headphone
for the jack you want to plug your headphones into.

Reference Page: Movie Maker Layout

Windows Movie Maker allows you to create a slideshow or movie from existing audio, video, or image media. After editing the audio and video content in Windows Movie Maker, which can include adding titles, video transitions, or effects, you can then save your final movie for later editing or export it to a format that can be inserted into a webpage.

Use the image below as a reference point as you work through the Movie Maker tutorial.



LAB #9 - Tutorial 1

Objectives:

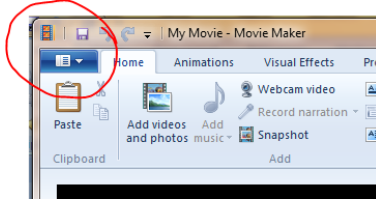
- Creating a Movie Maker project
- Creating a Collection - Images
- Using a Storyboard to create a Slideshow
- Video Transitions and Video Effects

Before you start: on your memory stick create a "lab09" folder. Go to www.csd.uwo.ca/~lreid/cs1033labs/lab09 and save all of the "lab09" folders and files to your memory stick "lab09" folder.

For this tutorial we will be creating a promotional slideshow movie for Hawaii using images and text.

1. Start **Movie Maker 2012**. It can be found by going to:
Start>All Programs> Movie Maker

2. Create a new Project from the top ribbon menu (in the top left corner), click on the small dropdown

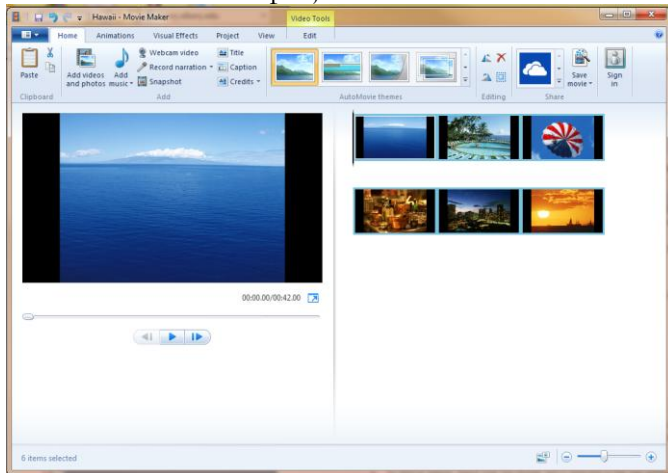


triangle: _____ and then select: **New Project**.

3. Save the Project as **Hawaii.wlmp** in your lab folder (**F:\cs1033\lab09\Hawaii.wlmp**).

4. To import contents into your empty Project:

- a. In Movie Maker, make sure the Home tab is selected in the top ribbon/tab area.
- b. Then select the button **“Add videos and photos”**.
- c. Select the folder in your lab09 folder called **images**.
- d. Then select ALL the images (click on the first image, hold down the shift key and select the last image, this should select all the images)
- e. Click on the **“Open”** button.
- f. Your project should now look like this:



5. Preview our slideshow so far:

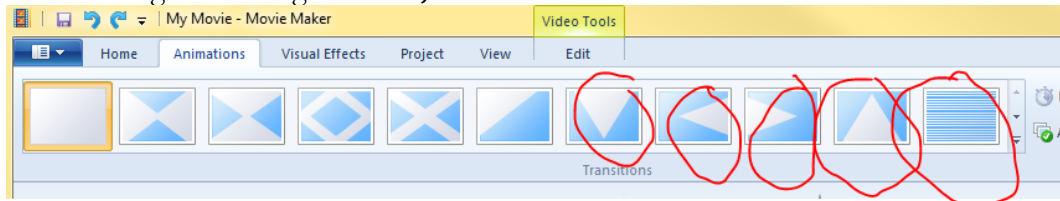
- a. Underneath the first image of the water (the large image on the left) you will see a play button that will play the movie and move the play head bar, press that button to watch your slideshow so far.
- b. Notice that each image stays on the screen for 7 seconds, this is the default setting. Note the entire length of the movie is 42 seconds. We will change that for one of the images. Click on the picture of the red and white and blue parachute and then click on **“Edit”** tab from the top ribbon menu. Change the **“Duration”** from 7.00 to 3.00 for this image only. Watch the movie again and make sure the parachute only displays for 3 seconds.
- c. Move the play head back to the beginning of the movie.

6. Adding some transitions:

On the top **Tab Ribbon** click on the **Animations** tab. There, on the left side, right under the tabs, you will see a listing of all the video transitions we can use for our movie. Video Transitions are “transition effects” that will occur when Movie Maker goes from one slide (or clip) to the next.

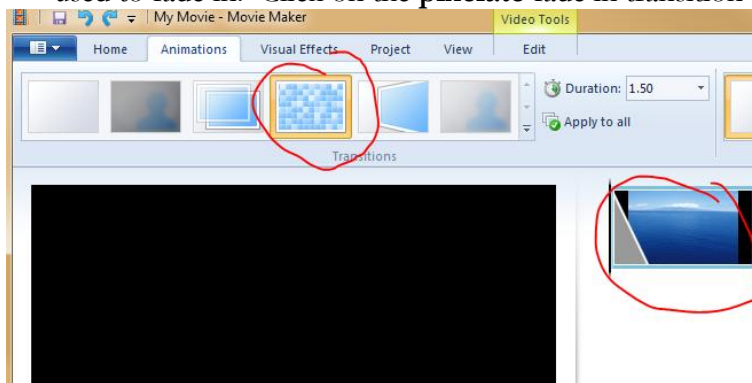
- a. Browse through the **Video Transitions** and click BETWEEN the images and then click on the transition you want to add, add the following 5 transitions (circled below) to in between the 6 images:

- i. Image 1 to Image 2: **Filled V, Down**
- ii. Image 2 to Image 3: **Filled V, Up**
- iii. Image 3 to Image 4: **Filled V, Left**
- iv. Image 4 to Image 5: **Filled V, Right**
- v. Image 5 to Image 6: **Bars, Horizontal**



NOTE: if you make a mistake and click on the wrong transition and want to remove it, then move your mouse to location where you want to remove a transition and click on the very first **BLANK** transition and that will remove the existing transition.

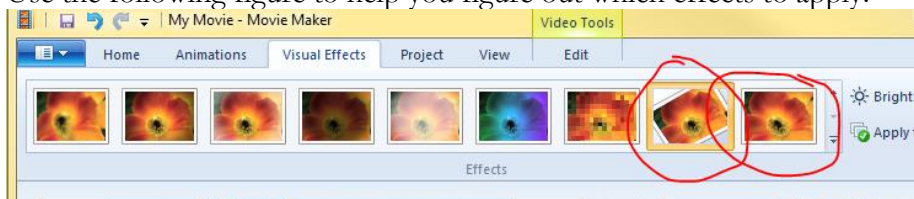
7. Click on the first image (the blue water and sky) and then you will see other transitions that can be used to fade in. Click on the **pixelate** fade in transition (circled below).



8. Preview your movie by clicking the first slide (to rewind to the start), then press the **Play** button. Note the movie length is 31.5 seconds.

9. Adding Video Effects:

- a. On the top **Tab Ribbon** click on the **Visual Effects** tab. While video transitions controlled the transition between two slides or clips, Video Effects give a special effect on a single slide. Use the following figure to help you figure out which effects to apply:



- b. Click on the image of the red, white and blue parachute and click on the **Spin 360** effect.
- c. Click on the last image (the sunset) and click on the **Warp** effect.

10. Preview your movie again

11. Save your work as **Hawaii.wlmp**

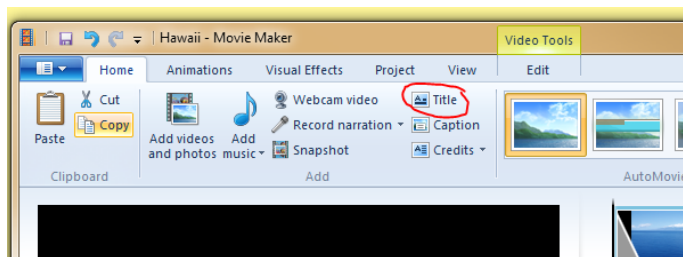
LAB #9 - Tutorial 2

Objectives:

- Adding text (Titles, Credits, content)
- Text Animations and Effects
- Timelines and Overlays
- Exporting to *wp4* format

1. Let us add some text to our promotional movie.

- a. Click on the first image (the blue water and blue sky) on top ribbon tab area and then click on the **Home** tab.
- b. Click on the **Title** button:

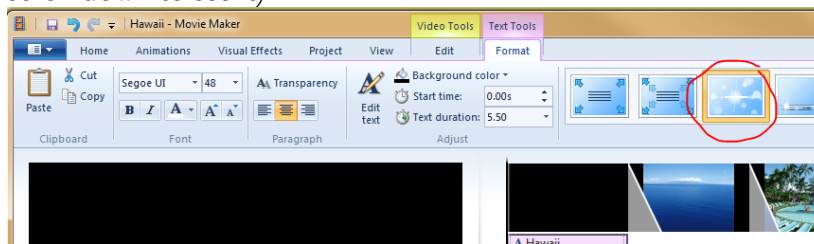


- c. The word *Hawaii* will be the title right now, as it is the name of your file. Replace the text *Hawaii* with:

Have you ever noticed how...

Mother Nature makes such a perfect playmate?

- d. Change the font size to 36
- e. You will now be on the Format Tab. Notice to the right the Effects (Blue squares with lines in the middle), click on the “Cinematic - burst 1” effect (circled below, you might have to scroll down to see it):



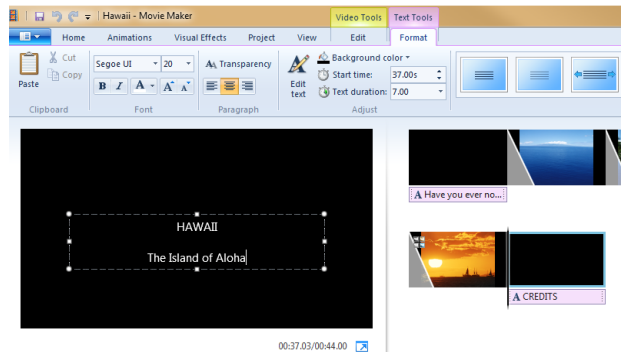
2. Click on the image of the pool, then click on the **Caption** button (right underneath the **Title** button on the **Home** tab) and add the caption: *All-inclusive Resorts* (change the colour of the text so that you can read it if it is too light or too dark, you could also bold it). Use the Effects buttons to put some special effects on your captions as you go (your choice of effect)
3. Click on the image of the parachute and add the caption: *Daily outdoor Activities* and add an effect.
4. Click on the image of the food and add the caption: *Exclusive Restaurants* and add an effect.
5. Click on the image of the skyline and add the caption: *Nightclubs and Nightlife* and add an effect.

6. Click on the last image (the sunset image) and then click on the **Credits** button (under the Caption button on the Home tab). Add the text:

HAWAII

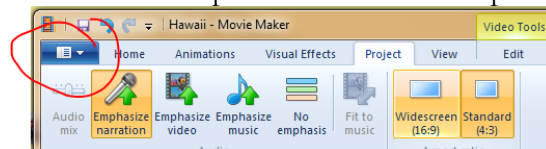
The Island of Aloha

It should look similar to this:



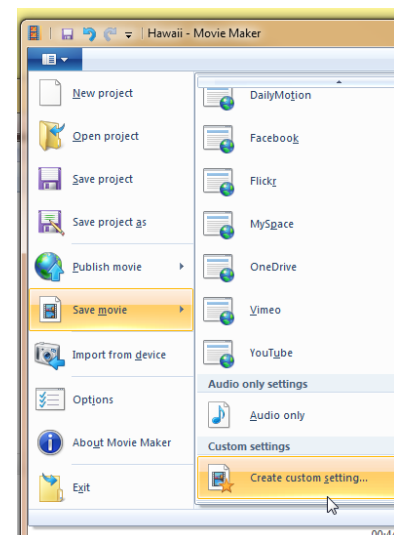
7. Move the play head back to the beginning of the slideshow (or click on the first image) and play your movie once more to check that everything is working.
8. **Save your project again.**
9. Compressing and creating a video file that can be inserted into a webpage:

- a. Firstly, let's make the movie so that it is a 4:3 ratio (Standard size) rather than 16:9 ratio (Widescreen, more of a High Definition Screen Size). Click on the tab called Project along the top ribbon bar and then click on the Standard (4:3) button.
- b. Click on the dropdown arrow in the top left corner:



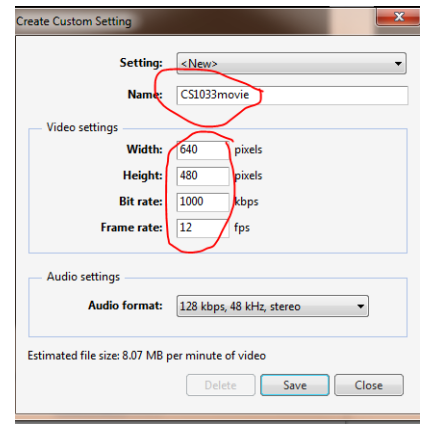
to get the **File** menu to appear and then select the **Save Movie** option.

- c. Click on the small arrow at the bottom of the **Save Movie** options to see the very last option, it will be called: **Create custom setting...**



- d. Give your new setting the following values:
 - i. Name: CS1033movie
 - ii. Width: 640 pixels
 - iii. Height: 480 pixels
 - iv. Bit Rate: 1000 kbps
 - v. Frame Rate: 12 fps

It should look like this, then hit the **Save** button twice and then the **Close** button.



- e. Click on the **Save movie** option again (from the top left Dropdown arrow to get the **File** menu) and now one of the options should be the one you just created called **CS1033movie** , select that option.
 - i. NOTE: the nice thing about creating this setting is that it will stop the movie file to be too large as we have reduced the size in pixels and the reduced the frame rate and reduced the bitrate. When creating your final movie for your major assignment, it is a good idea to use the settings above so that your file isn't too large.
- f. Save the file as **Hawaii_Final.mp4** in your **lab09** folder. mp4 is now the standard preferred format for movie files on any operating system (Windows or Mac). Click on the **Open folder** button, make sure the new movie is in your **lab09** folder and double click on the **Hawaii_Final.mp4** file to play it and make sure it works.
- g. Now, just as an experiment, select **File>Save movie> Recommended for this project** and this time, use the file name **Hawaii_TEST.mp4**. Then open the folder and compare the 2 files: **Hawaii_Final.mp4** to **Hawaii_TEST.mp4**. Notice the difference in the file sizes. Double click on the Hawaii_TEST.mp4 to play that file and notice it is bigger when it plays.

10. Notes on File Types:

- a. A file with the extension .wlmv is your native file. This is where you do your editing. REMEMBER: IF you move the images, audio and/or video (original source files) used to build the .wlmv file to different folders AFTER you built the .wlmv file, then your .wlmv file will get confused and no longer work.
- b. The file with the extension .mp4 is your final movie file, the one that you will insert into your webpage. .mp4 is a more “universal” file type and can be opened by a number of programs (QuickTime, Windows Media Player, etc). After you have created your .mp4, you can move any images/sound/videos that were used to create it without ruining your .mp4 file, it will be intact.

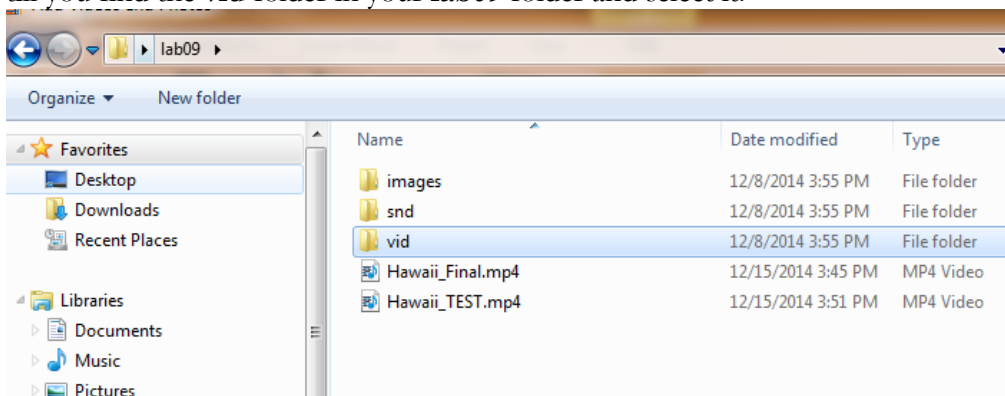
LAB #9 - Tutorial 3

Objectives:

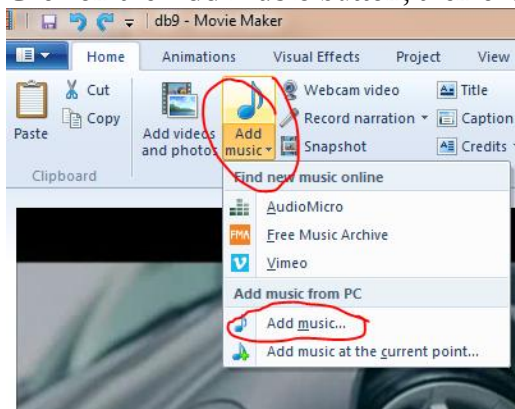
- Creating a Collection – Video and Audio
- Optimizing for the Web

For this tutorial we will be creating a promotional movie for the Aston Martin DB9 sports car using videos, sound and text (instead of images as in the previous sections).

1. Create a new project and save it as **db9.wlmp** in your **lab09** folder on your memory stick.
2. Click on the **Home** tab on the Ribbon and then select the **Add videos and photos** button. Browser till you find the **vid** folder in your **lab09** folder and select it:



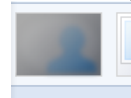
3. Then click on the first video clip: **db8_clip_000.avi** and hold down the shift key and select the last video clip: **db9_clip_005.avi** to make sure they are all selected and then click on the **Open** button.
4. Click on the **Add music** button, then click on the **Add music...** option:



and this time browse to the **snd** folder in your **lab09** folder and select the file called **db9_track.mp3** and click on the **Open** button.

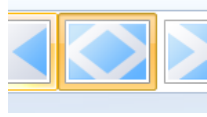
5. Click on the **Animations** tab from the Ribbon bar and click on the first clip (. Add a transition to this first image (transitions will be at the top left, pick the one **Blur – through black**. (it has a blurred

image of the silhouette of a head, hover over it to see the name).



Change the duration to 3.00.

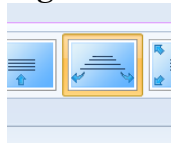
6. Click on each of the remaining clips and add a transition between the clips (add the Diagonal box



out effect between each clip)

7. Preview your movie on the media player, the play button below the video (move the play head back to the beginning of the video) to make sure your video plays properly and in the correct sequence.
8. Let us add some text to our promotional movie. Add the text below where indicated, using the given styles and effects::

- a. **Add a TITLE at the beginning of the movie**



Effect: Swing down →

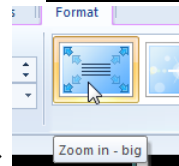
Font: Verdana (Bold)

Size: 28

Text:

- *Text Line 1* → Aston Martin DB9
- *Text Line 2* → A striking balance

- b. **Db9_clip_000 - Add CAPTION on the selected clip**



Effect: Zoom in - big →

Font: Verdana (Bold)

Size: 16

Text Alignment: right

- *Text* → Technical Innovation Tested Meticulously

- c. **Db9_clip_001 - Add CAPTION on the selected clip**

Styles and Effects: Same as in (b) above.

- *Text* → Understated Elegance

- d. **Db9_clip_002 - Add CAPTION on the selected clip**

Styles and Effects: Same as in (b) above.

- *Text* → Two-Way Communication

- e. **Db9_clip_003 - Add CAPTION on the selected clip**

Styles and Effects: Same as in (b) above.

- *Text* → Designed to Stir the Soul

- f. **Db9_clip_004 - Add CAPTION on the selected clip**

Styles and Effects: Same as in (b) above.

- *Text* → Reassurance in an Unpredictable World

g. **Db9_clip_005 - Add CAPTION on the selected clip**

Styles and Effects: Same as in (b) above.

➤ *Text* → DB9: 100% Aston Martin

h. **Add CREDITS at the end of the movie**

Effect: Scroll (the default effect)

Font: Verdana (Bold)

Size: 20

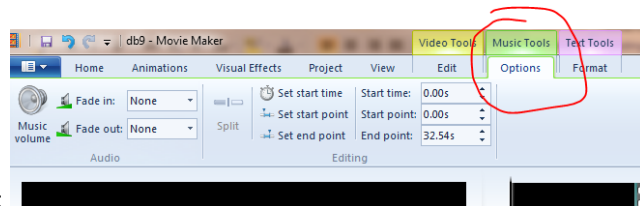
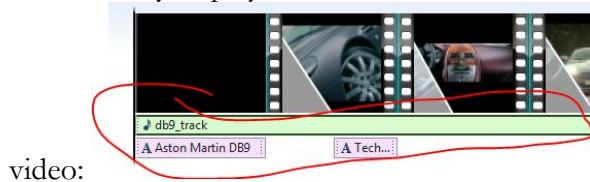
Text Alignment: centre

➤ *Text Line 1* → DB9

➤ *Text Line 2* → Aston Martin of Ontario

➤ *Text Line 3* → www.astonmartin.com

9. Now let's try to play with the audio. Double click anywhere on the green audio track below your



This will bring up the Music Options tab:

- Change the **Start time** for the audio to be 6 (it will start 6 seconds into the movie)
- Change the **Fade out** to be **Slow** (this will slowly fade the sound out at the end of the movie)

10. Save your file and preview your movie.

11. **Export your movie to a file format that is compressed and can be used on a webpage:**

- Click on the top left dropdown arrow to get the file menu and select **Save Movie>CS1033movie**.
- The filename of your movie should be **DB9_Final** and should be saved under your lab folder.

12. Go to your lab folder and preview your movie. You're done!