8mm & Super 8 Film Conversion

Table of Contents

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8mm & Super 8 Film Conversion Times

- 3" Reel - 50' of film
- 30 minutes to scan
- 2 minutes to rewind

- 5" Reel - 200' of film
- 2 hours to scan
- 5 minutes to rewind

- 7" Reel - 400' of film
- 4 hours to scan
- 10 minutes to rewind

- 9" Reel - 600' of film
- 6 hours to scan
- 15 minutes to rewind

When Using Libratory Equipment

- Do not drop or handle the equipment too aggressively as it may cause it to become damaged.
- 8mm or Super8 media MUST be mounted with proper reel and adapter before recording/rewinding.
- Do not allow the equipment to come into contact with water or other liquids. In the event that water or other liquids enters the interior, immediately turn off the equipment. Continuing to use the device may result in fire or electrical shock.
- Do not handle the equipment with wet hands. Doing so may cause electrical shock and damages to the equipment.
- Do not expose the equipment to extreme temperatures, humidity, or vibrations, which may cause damage to the equipment.

Checking Your Film

Do not mount film that is/has

- broken
- ruptured
- misaligned
- a taped overlap
- bent
- gluey
- thick

Preparing Your Film

Some early films might have been wound too tight. This might cause the film to become jittery during the recording process. You can use the device to rewind it back and forth to regain proper winding tightness.

Before you record, use a lint-free cloth and/or anti-static film cleaner to remove dirt particles, to clean any processing chemical residues, and to dry any scattered mildew on the film.

If your film is not in good condition, please check and fix the problem first. Otherwise it may damage or jam the device or produce poor quality video.

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Using the Wolverine Device

Please note that only the screens you will be using during your appointment are described here. Do not change any other settings on the Wolverine device.

Remember to make all adjustments BEFORE you begin to record your film. There is no **Pause** function on this device. If you can stop the film and make adjustments, you will end up with multiple film clips.
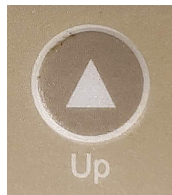
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The keypad is how you will navigate through the Wolverine device's options and screens.
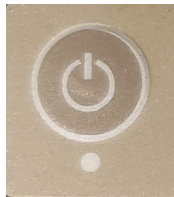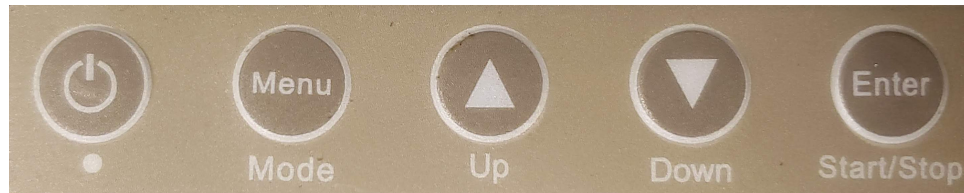
Use the **Power** button to turn the device on or off.
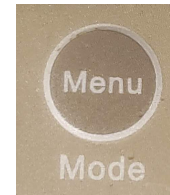
Use the **Menu** button to access or return to the menu.

Use the **Up** and **Down** buttons to move through the menu. These keys are also used when adjusting the view to fit the frame.

Use the **Enter** button to select a menu item, move through frame adjustment options, or to start/stop the recording or rewinding of your film.

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On the front of the device is the 8mm/Super8 switch. This is how you will let the machine know which type of film is being scanned.

The door and its latch are just above the 8mm/Super8 switch. Bush the notch to the left to open the door.

8mm Film   Super8 Film
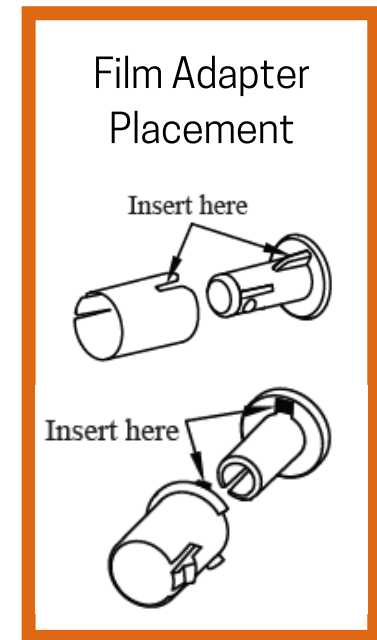
Wolverine

Open

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Before you turn on the Wolverine device, you must insert the SD/SDHC memory card. Only a 32GB SD card will work with this device. Make sure the SD card is inserted all the way by pushing it inward until it clicks.
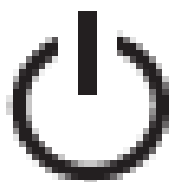
When you are ready, press the **Power** button to turn the Wolverine device on.

Before loading your film, make sure the light table is clean. To do this, push the film door tab left to flip open the door. If you notice dust on the light table, use the brush to clean the light table very gently, as seen below. If you have trouble using the brush, you can also ask a staff member for a can of compressed air.

Film Adapter Placement

Insert here

Insert here

Mount your film on the left shaft and mount an empty reel on the right shaft, as seen above. If adapters are needed, always match red to red and gray to gray. Follow the film routing diagram printed on the face of Wolverine **(the solid line)** to route the film.

Next, align your film between the three tabs on the light table. Remember to position film sprocket holes at the top, as seen below. Place and hold film underneath **Tab #1**. Then, twist film slightly and clip film underneath **Tabs #2** and **#3**. Once the film is properly aligned, close the flap door.
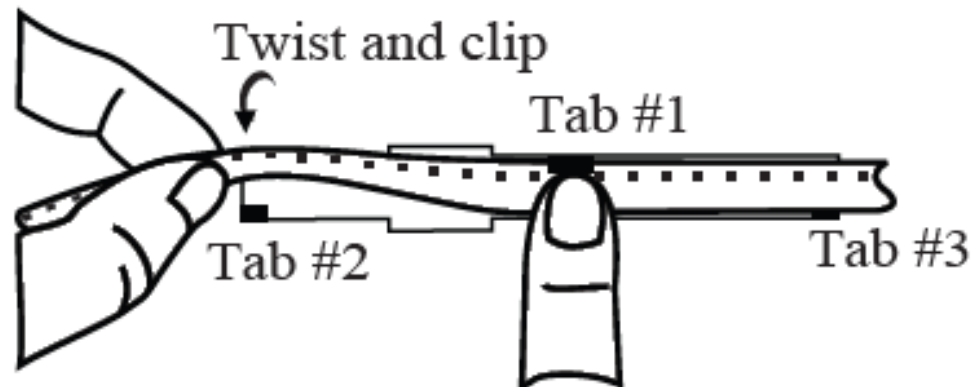
Also, make sure the device is set to the proper film size.
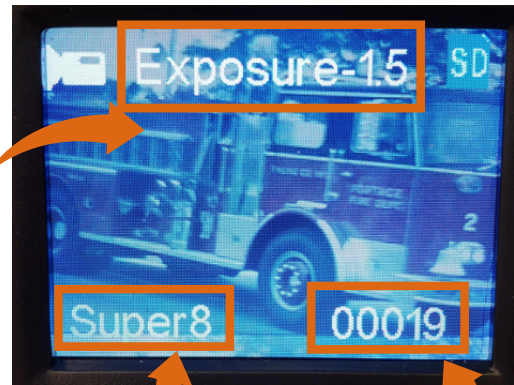
8 mm   Super 8
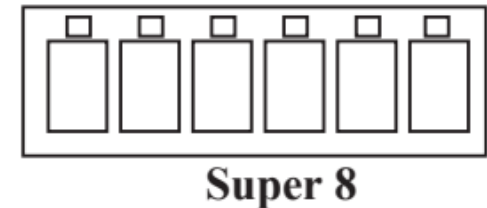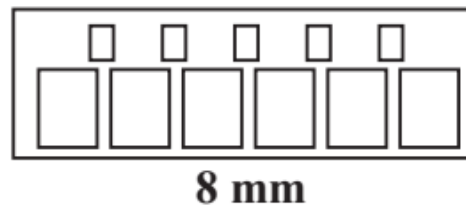
Before scanning your film, you will need to check and set adjustments. When the Wolverine device is on and the film is properly mounted, you will see a frame of the film in the display screen.

There are a few things to pay attention to on this screen.
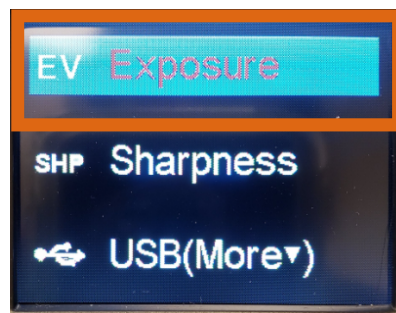
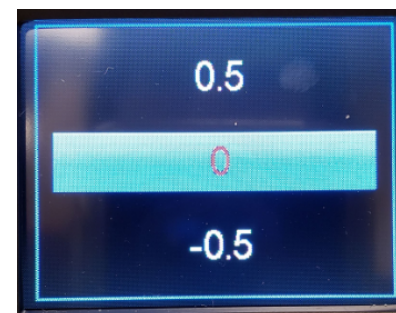The current Exposure setting is displayed here.

The type of film selected (8mm or Super8) is displayed here.

The scan # is displayed here. This is what your video file will be saved as on the SD card.
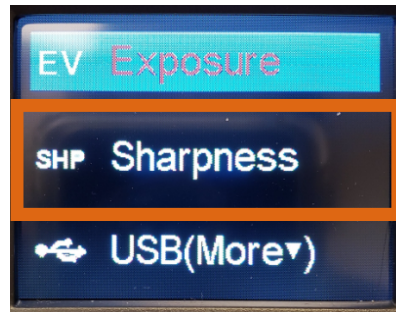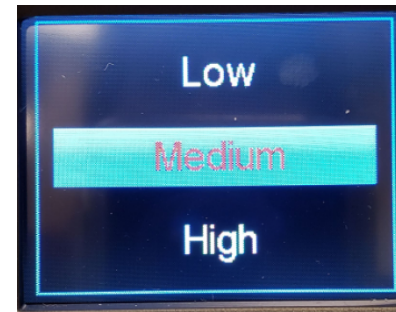
Menu Screen

Exposure Screen

You can change the **Exposure** to either brighten or darken your film. You can choose from a range of -2 (darkest) to 2 (brightest). Press **Menu** on the keypad when you are finished making these adjustments.

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Menu Screen
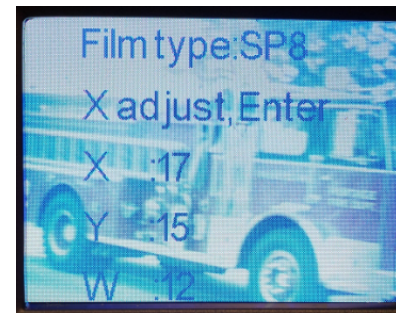

Sharpness Screen

You can change the **Sharpness** of the picture, as well. You can choose from a range of **Low** to **High**. Press **Menu** on the keypad when you are finished making these adjustments.
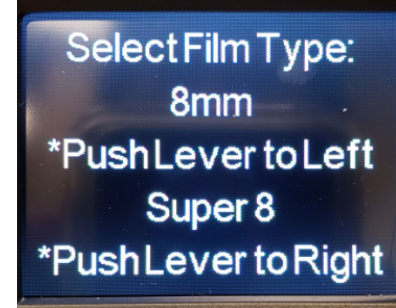
Menu Screen

Frame ADJ Screen

You can use the **Frame ADJ** screen to center your film in the screen. Press **Enter** on the key pad to move between each option. The **X** option moves the film left or right. The **Y** option moves the film up or down. The **W** option zooms in and out. Press **Menu** on the keypad when you are finished making these adjustments.
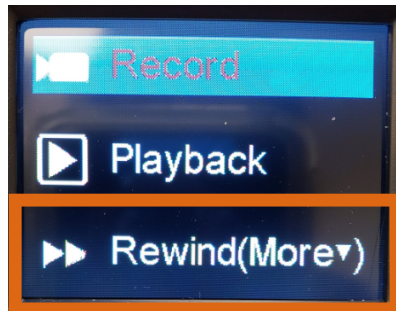
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Menu Screen

Record Screen

Record
Playback
Rewind(More▼)

Select Film Type:
8mm
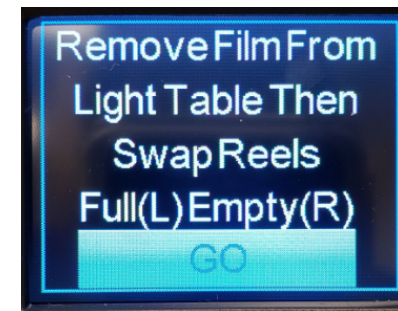*Push Lever to Left
Super 8
*Push Lever to Right

The **Record** screen will remind you to have the device set to the correct film type. Press **Enter** on the keypad to start recording when you are ready.

Menu Screen

Rewind Screen

Record
Playback
Rewind(More▼)

Remove Film From
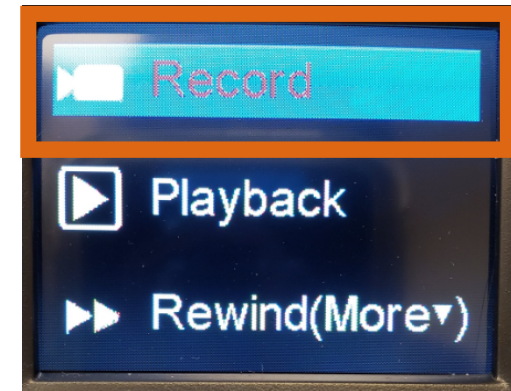Light Table Then
Swap Reels
Full(L) Empty(R)
GO

The **Rewind** screen will remind you to swap the reels and make sure the film is clear of the light table. When you are ready to rewind your film, press **Enter** on the keypad.

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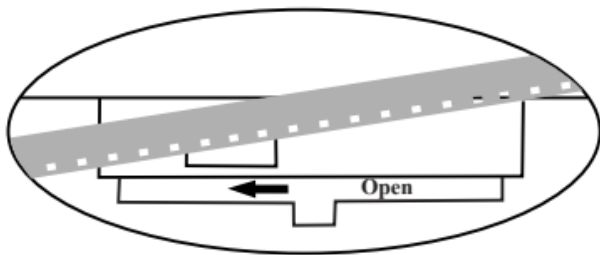press the **Menu**
highlight **Record**,
times.

Menu Screen

ter button one

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When you are ready to rewind your film, start by opening the flap door and gently removing the film from the tabs. Then close the flap door. Place your (now empty) reel on the right side shaft and place your film on the left side shaft with the perforation holes on the outside, as seen below. Next, follow the film routing diagram printed on the Wolverine **(the dotted line)**.

button until you highlighted in times to start the
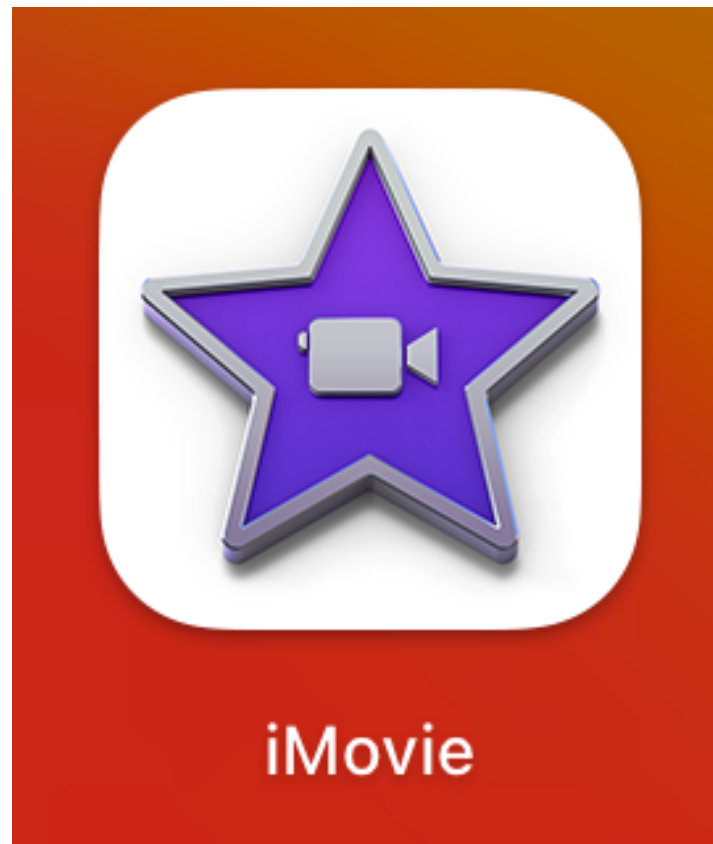
Menu Screen
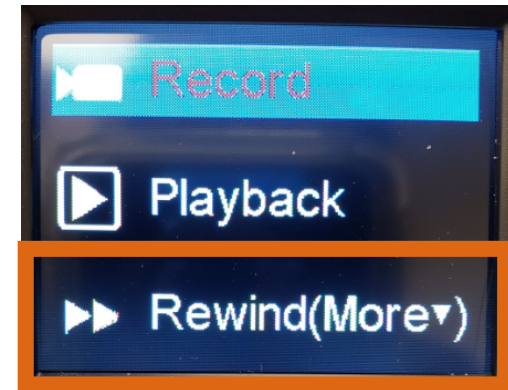
When the rewinding is finished, press the **Enter** button one time to stop the device.

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Finally, eject the SD/SDHC card by pushing the card in and then releasing it. Then you can safely pull the card out of the device.
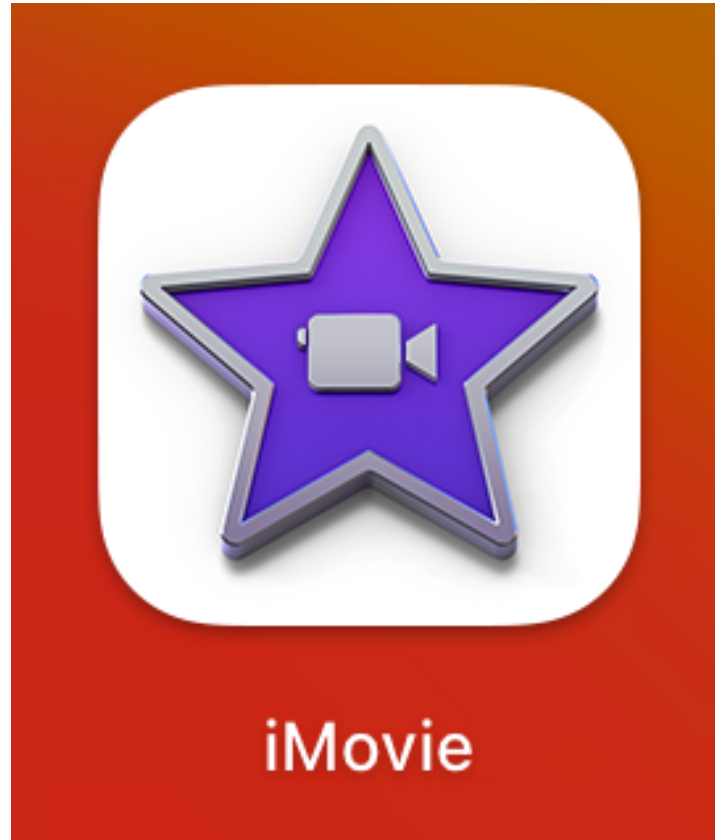
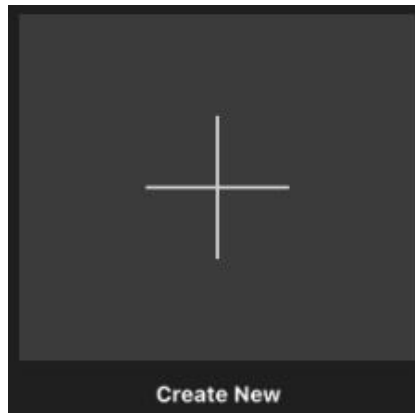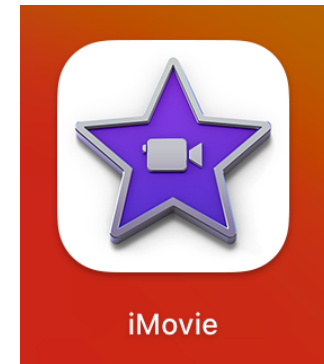**Note:** Wolverine will power off automatically when the SD/SDHC card is ejected.

In the next section, learn how to edit your film in iMovie!
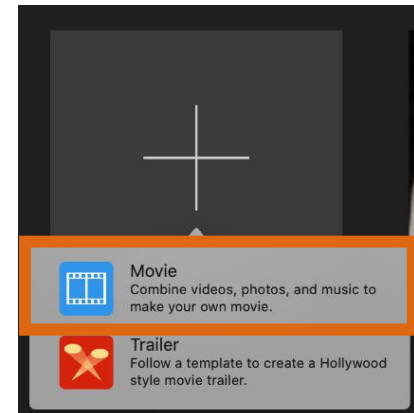
Video Editing with iMovie

Disclaimer: This guide only offers a brief and basic overview of aspects of this software necessary for editing and transferring converted video files.
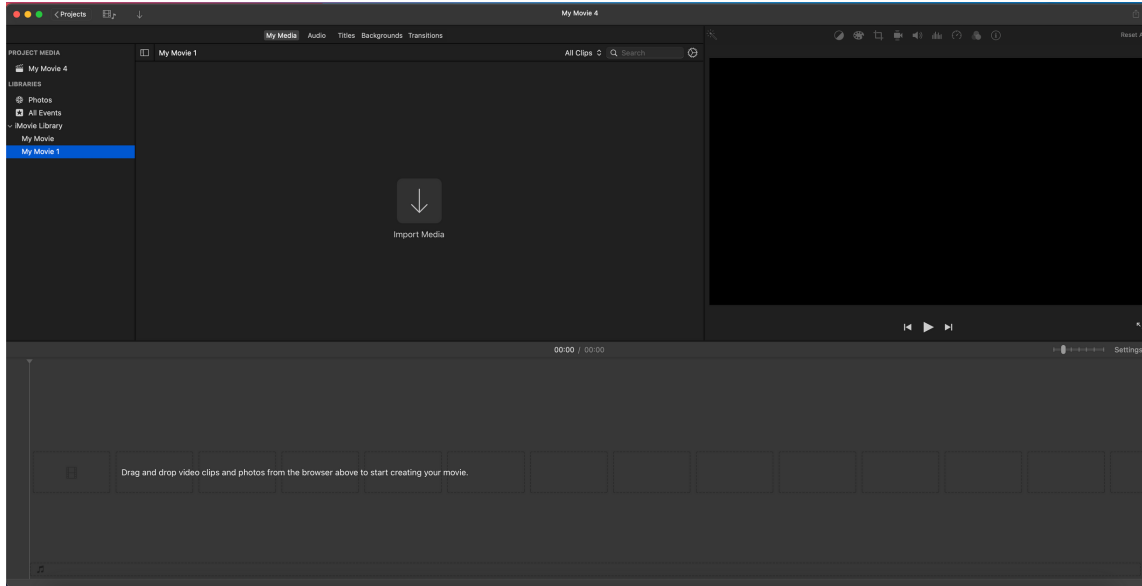
Click on the **iMovie** icon to start.

iMovie

Create New

Then click on the **Create New** Icon, then select **Movie**.

Movie
Combine videos, photos, and music to make your own movie.
Trailer
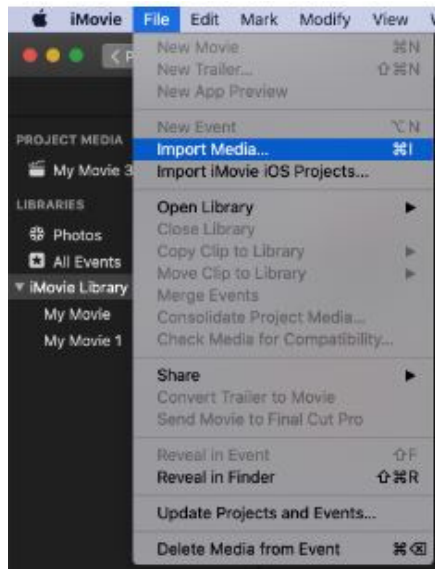Follow a template to create a Hollywood style movie trailer.
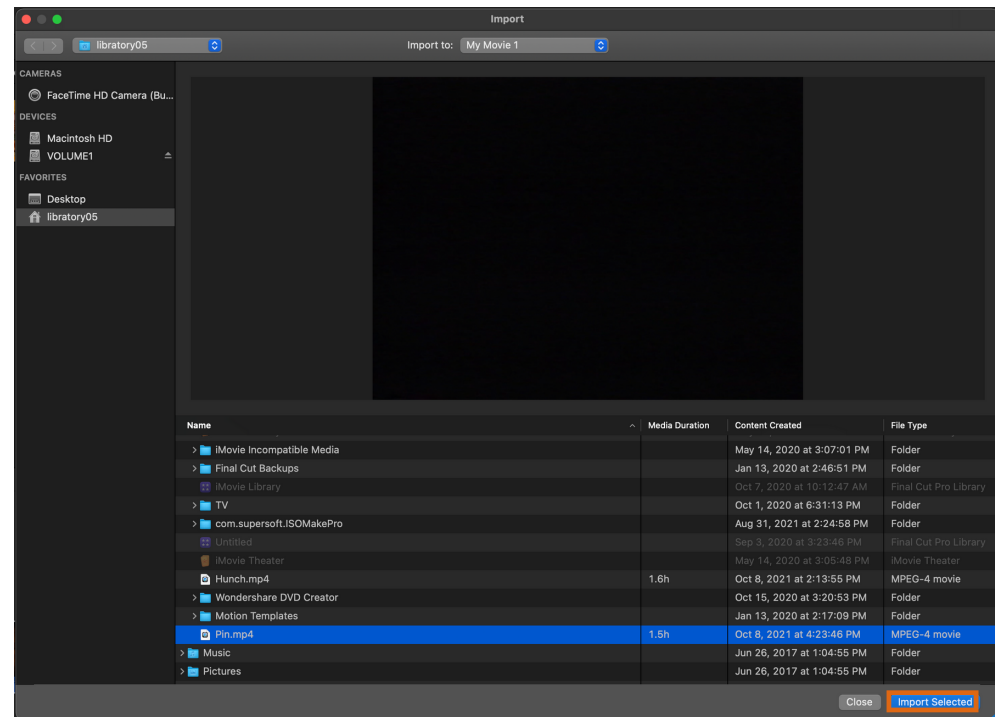
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This is the screen you will see once you begin.

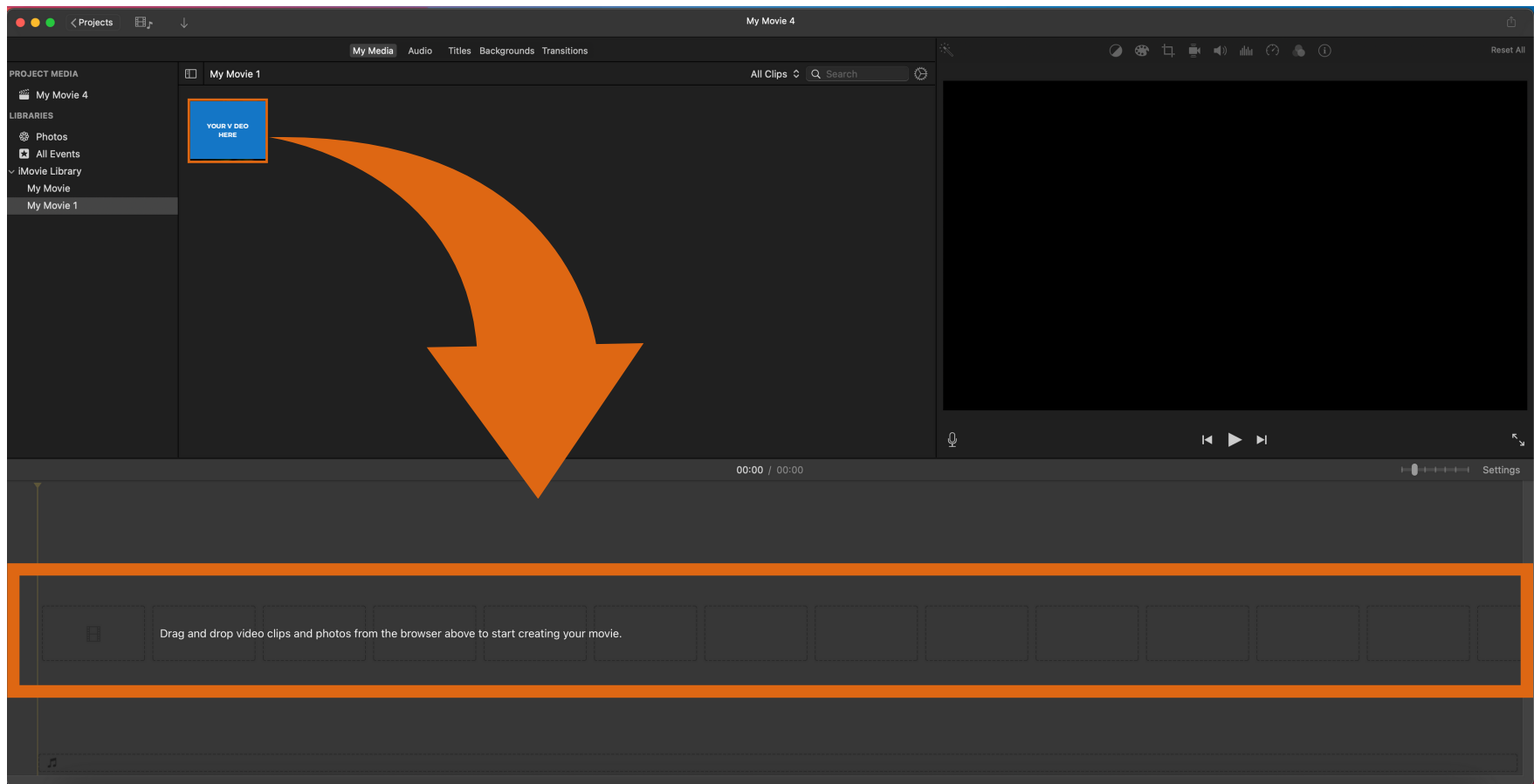Insert your SD card into the back of the iMac monitor.

Next, select **File** and then **Import Media**.

Then, select the SD card from the menu on the left. Select your file(s) from the list and click on **Import Selected**.
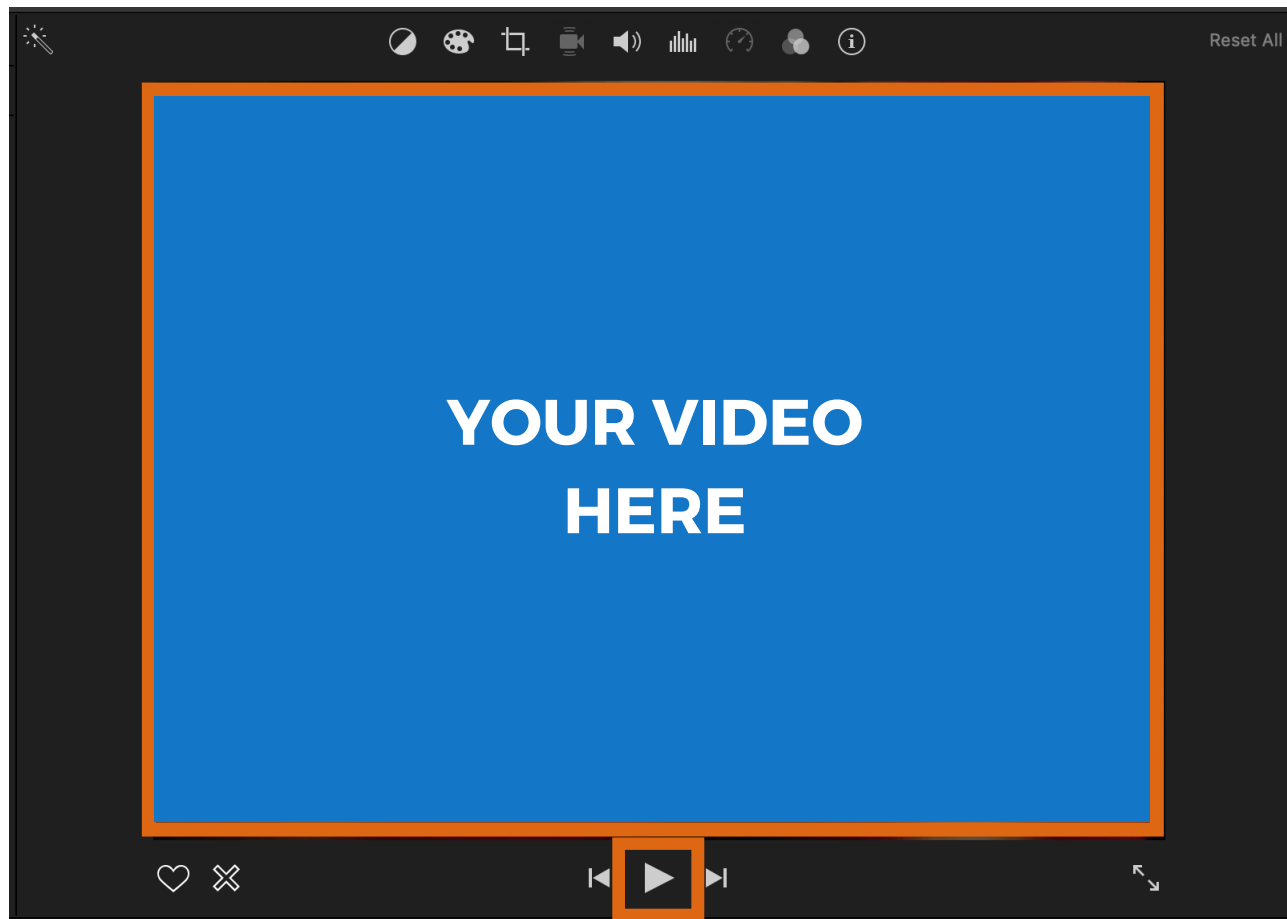
Once you have imported your video file(s), drag it/them down into the timeline.


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In the top-right corner of your screen, you will see a preview of your video. Click the **Play** icon in order to test the quality of your film.

Note: When adjusting or editing your video, make sure the clip(s) you want to change are highlighted in the timeline.

You can adjust how the video fits the screen using the icons in the **Crop** toolbar, as seen to the right.

Style: Fit Crop to Fill Ken Burns   Reset ✓
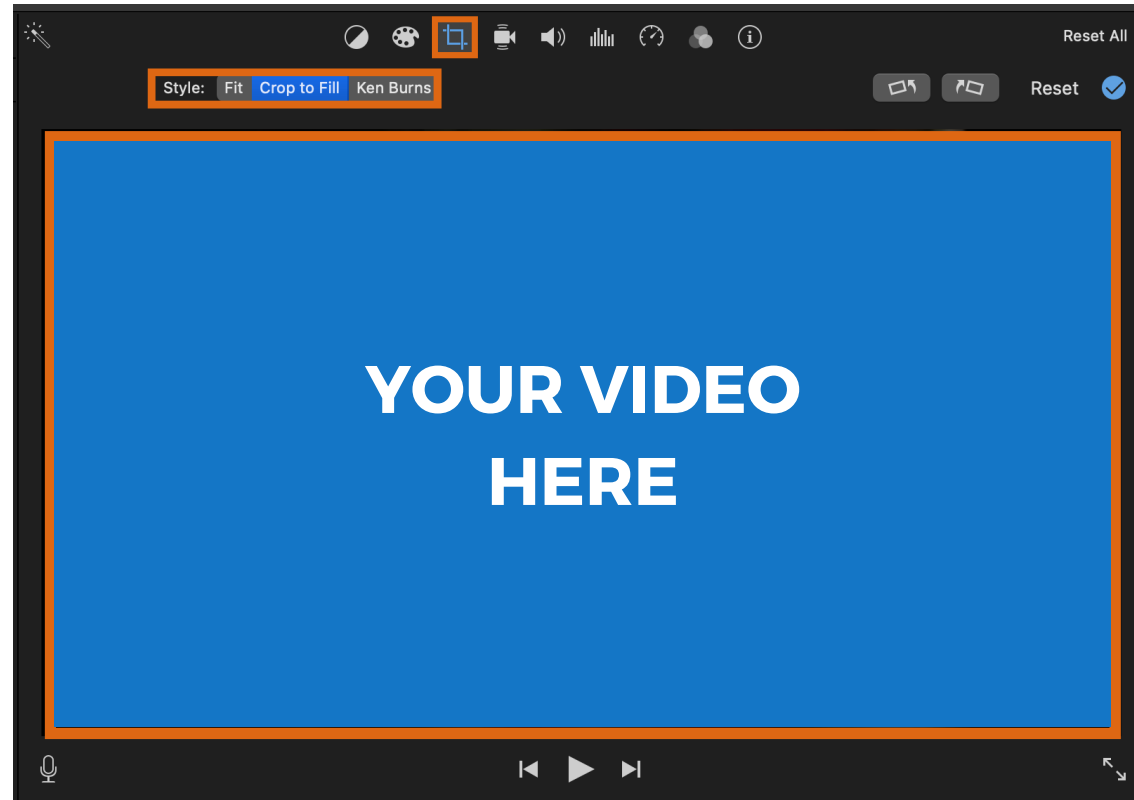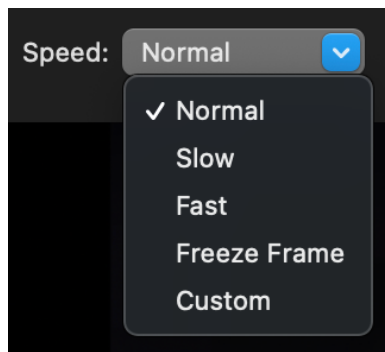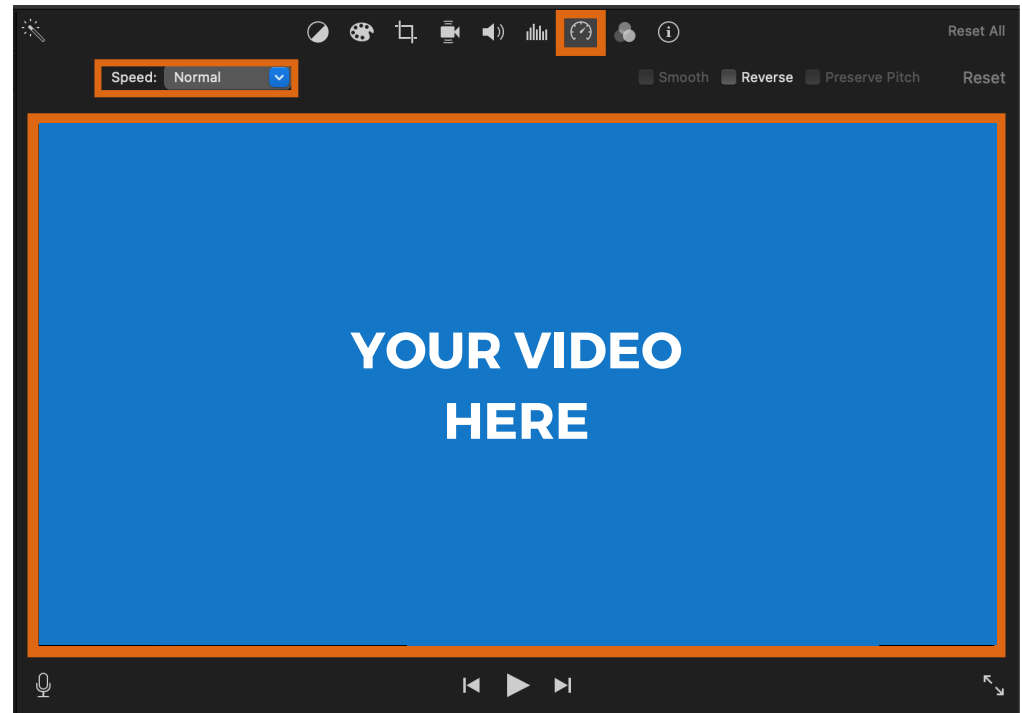
YOUR VIDEO HERE

There are three options for how to fit your video to your screen: **Fit**, **Crop to Fit**, and **Ken Burns**. **Fit** will get the whole screen. **Crop to Fit** allows you to crop out messy edges. **Ken Burns** allows you to pick a start and stop point which will cause the video to zoom in or out from a starting point.

In the **Crop** toolbar, you can also rotate the picture using the **Rotate** icons shown below.

YOUR VIDEO
HERE

YOUR VIDEO
HERE
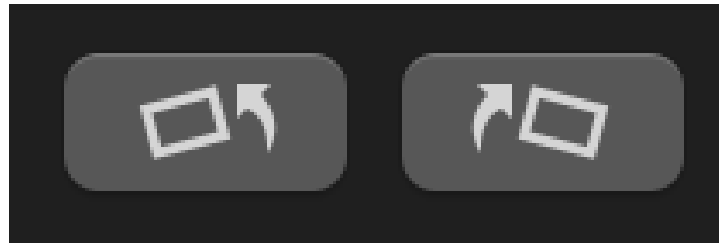
You can also adjust the speed of the video. This is especially helpful with some 8mm and Super8 films because their original speed can be a little fast.

To adjust the speed of the video, select the clip or clips in the timeline that you want to adjust, and then select the **Speed** toolbar.

Speed: Normal

Smooth **Reverse** Preserve Pitch Reset Reset All

YOUR VIDEO
HERE

Speed: Normal

✓ Normal
Slow
Fast
Freeze Frame
Custom

Then, select the speed that most closely fits what you need, or you can choose **Custom** to set your own speed.

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If your video is shaky, you can use the **Stabilization** toolbar to fix it.

You can click the box to have iMovie adjust the video for you, or you can use the bar next to **Stabilize Shaky Video** to adjust it manually.

Stabilize Shaky Video: 33 %   Fix Rolling Shutter: Medium   Reset
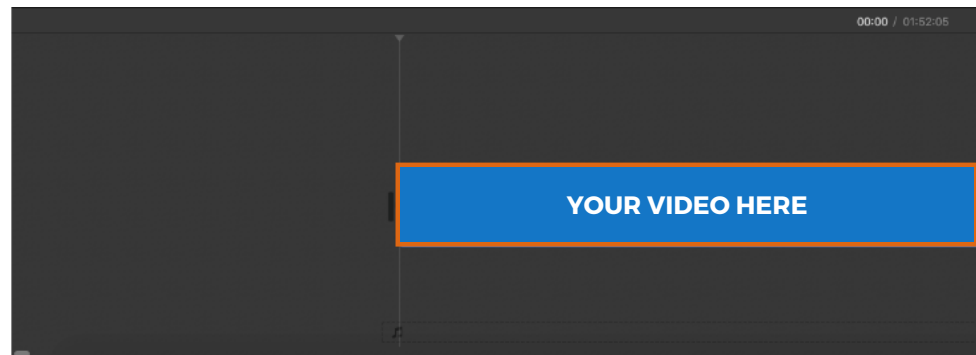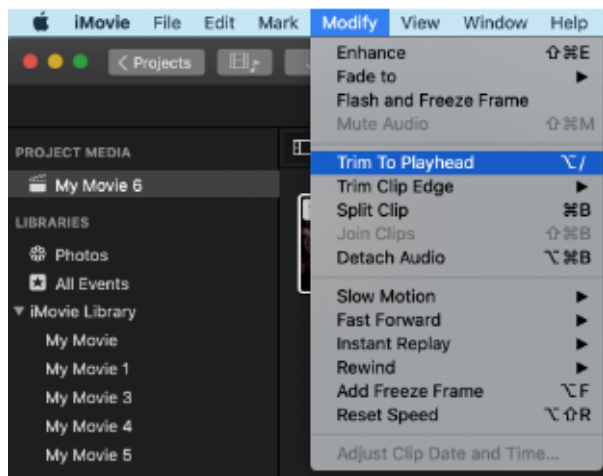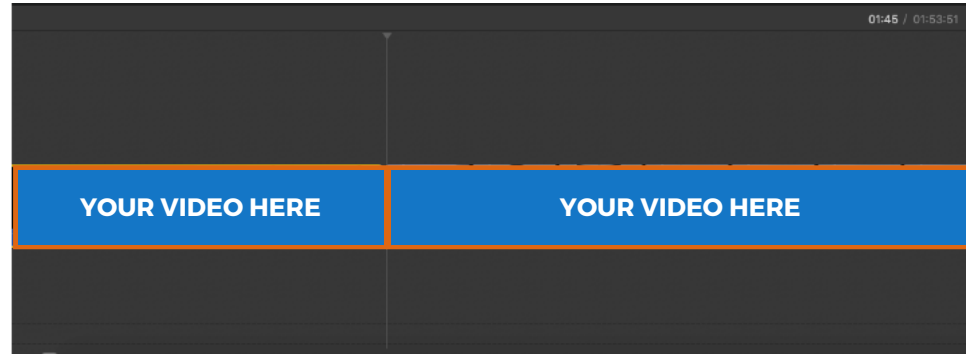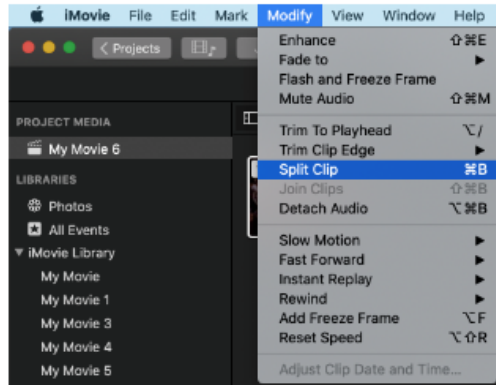
Reset All
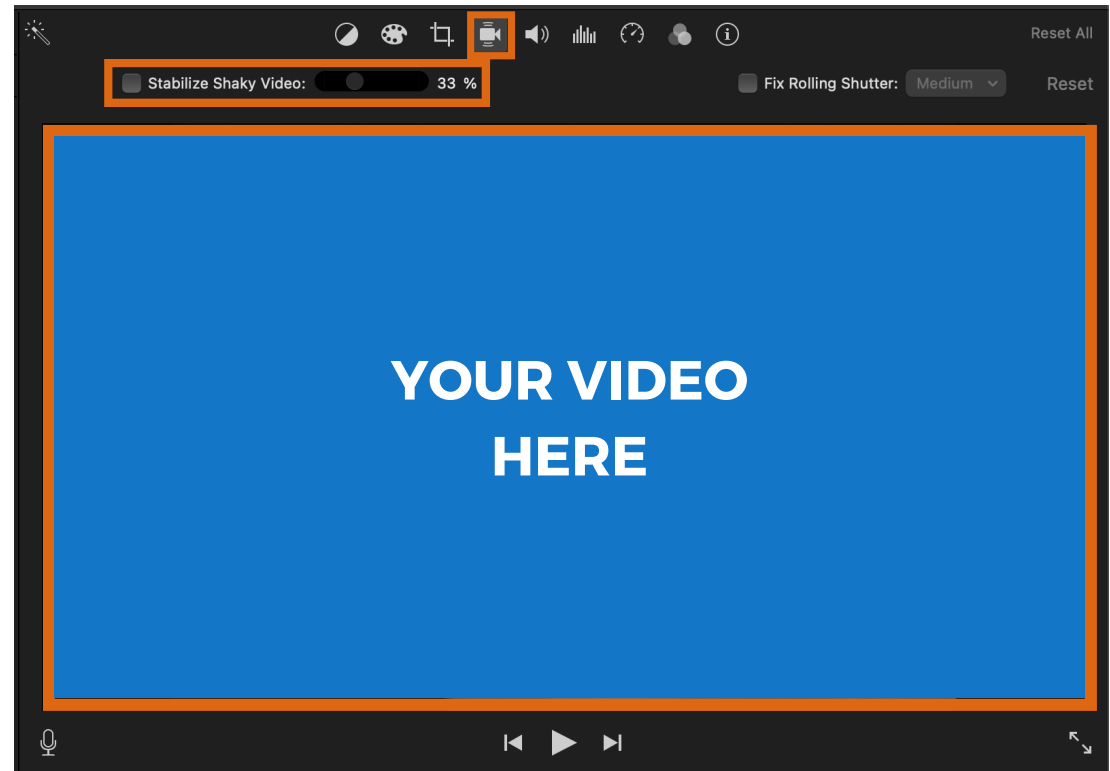
YOUR VIDEO HERE

To trim your video, first move the playhead to
the place where you want to trim.
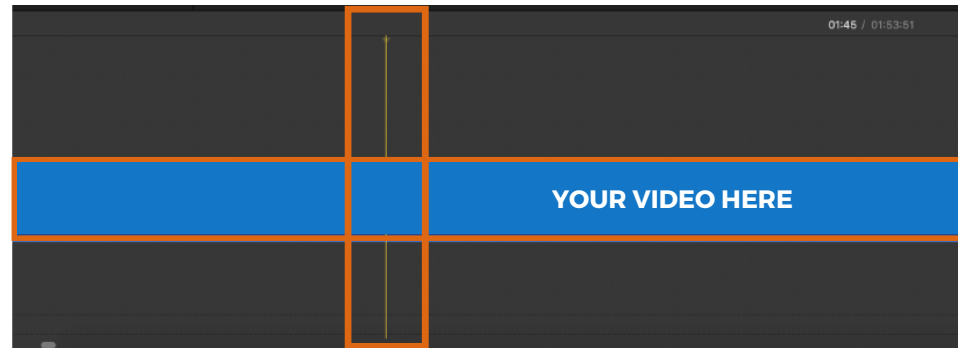
Then, select **Modify** and **Trim To Playhead**. This will trim
away the portion of the film before the playhead as seen
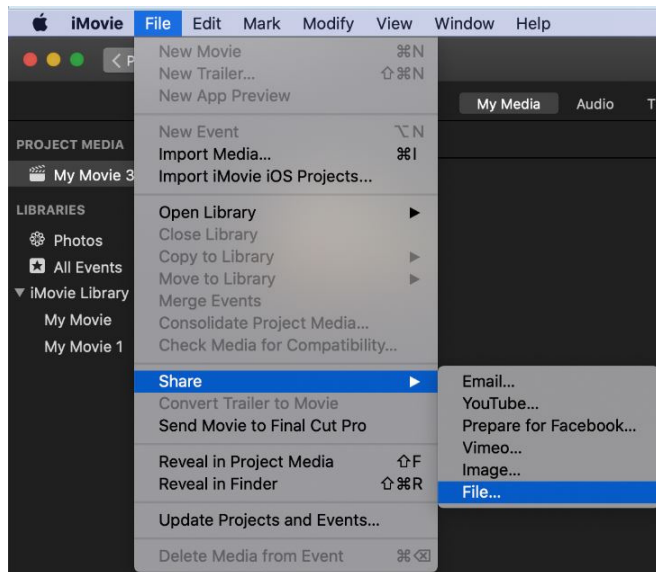below.

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To separate the film into clips without deleting any portion, select **Split Clip** instead of **Trim to Playhead**.
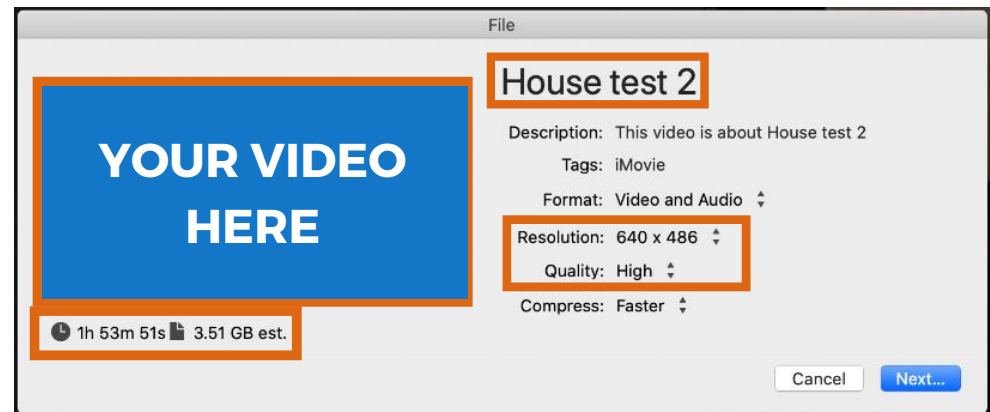

To delete a clip, select the clip and then select **Mark** and **Delete**.

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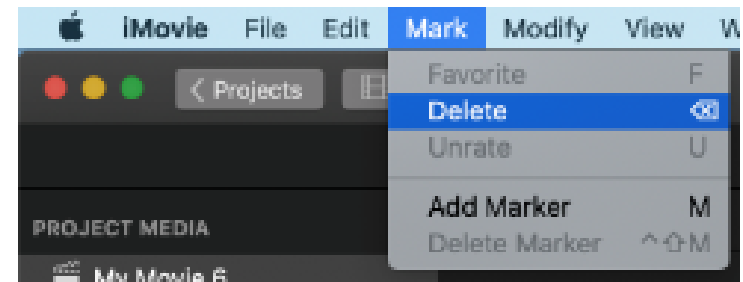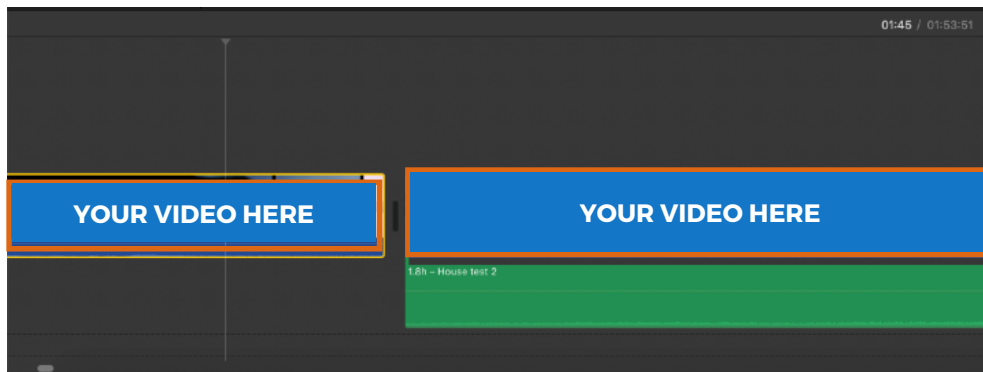
When you are ready to save your film, select **File** and then **Share**. Then select **File...** from the menu.
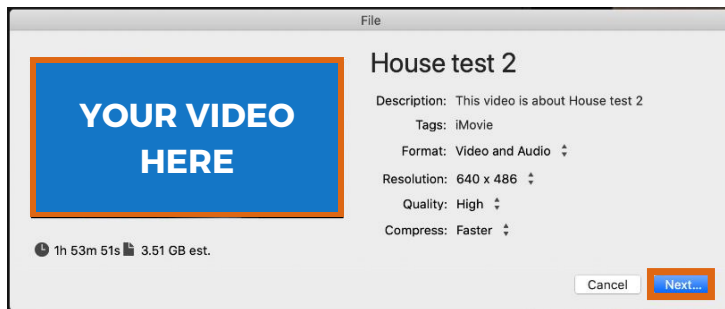

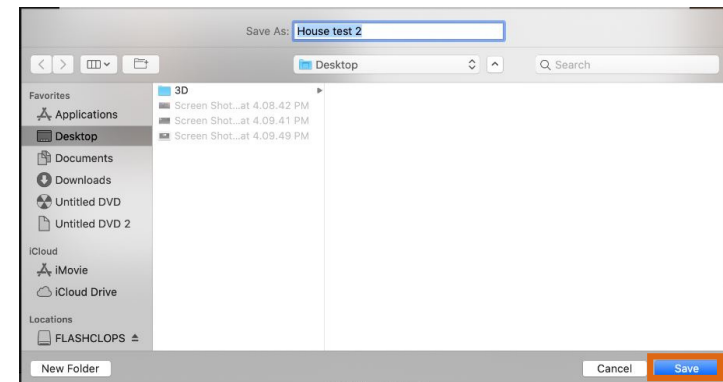You will then see the following window.

Note: Flashdrives and external harddrives typically come formatted in such a way as to only allow files that are under 4GB to be saved onto them.
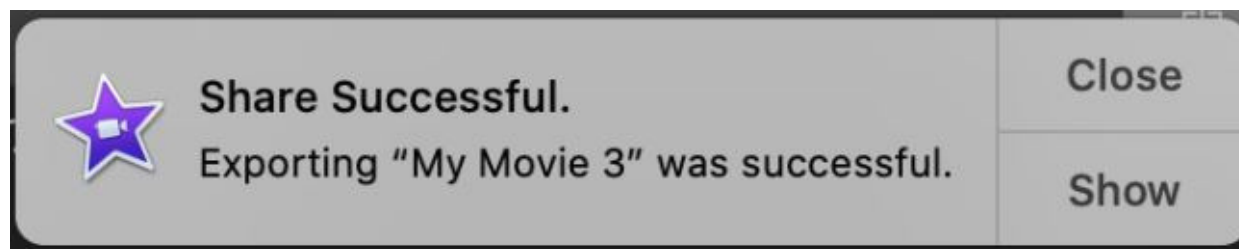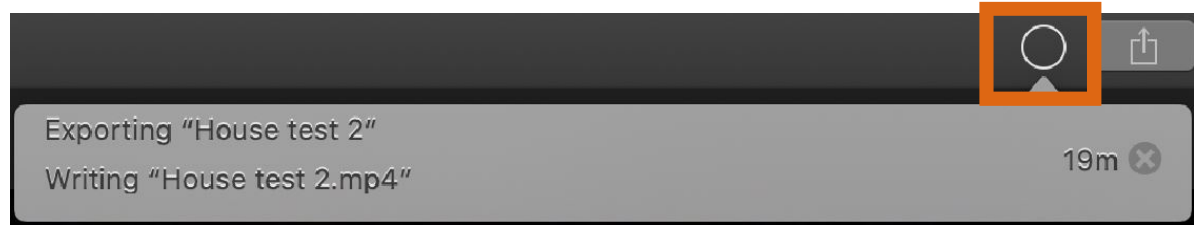
When you are ready to save your film, select **Next**.

Then select your storage device (or desktop if burning to disc). Finally, select **Save**.

You can monitor the saving process up in the top right corner by clicking on the circle.

Exporting "House test 2"
Writing "House test 2.mp4"   19m ✕

Share Successful.
Exporting "My Movie 3" was successful.

Close

Show

You will see this notification window when the process is finished.

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When you are finished,
remember to close out of
iMovie.

Wondershare DVD Creator
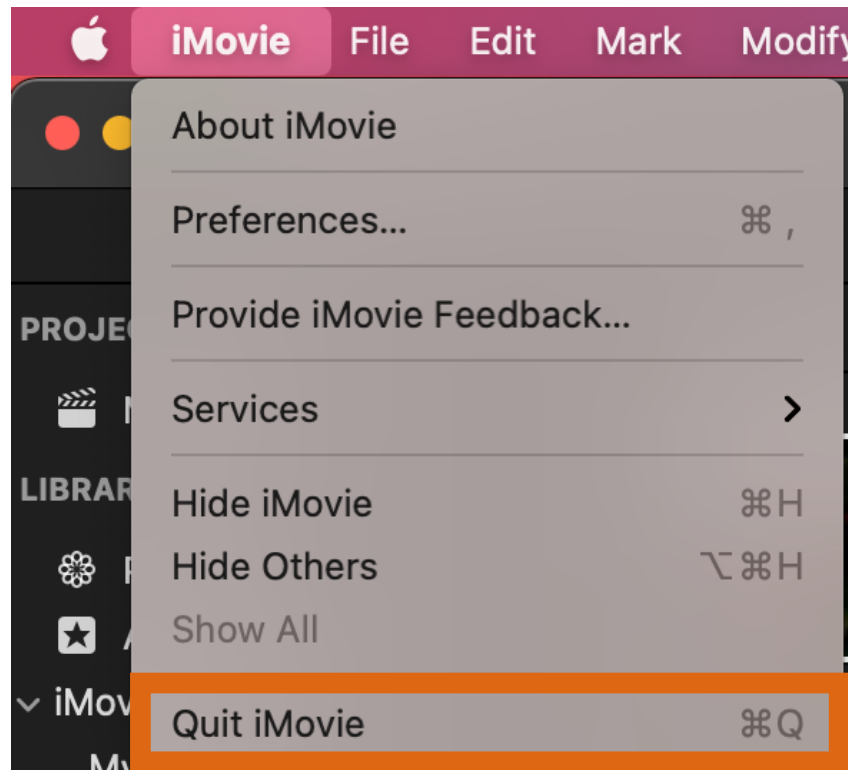
In the next section, learn how to burn your film to a DVD in Wondershare DVD Creator!

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DVD Burning with Wondershare

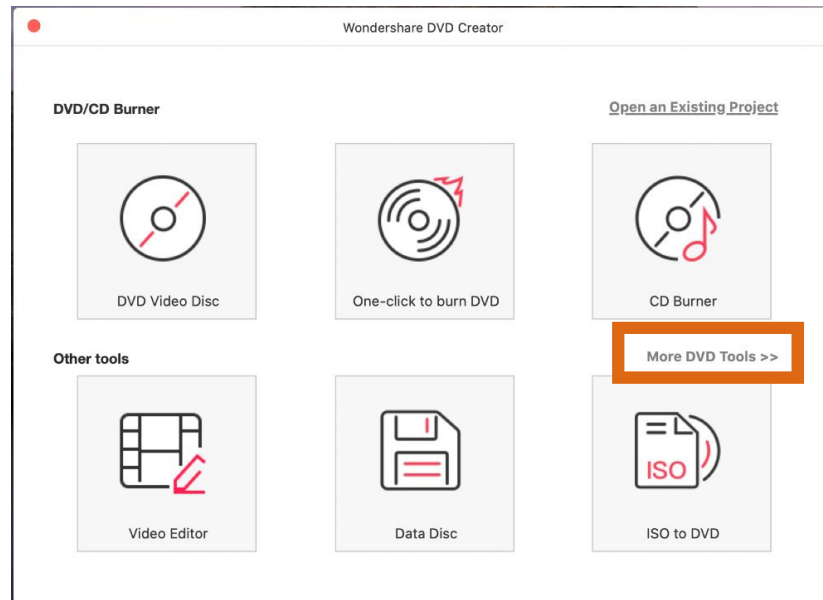Wondershare DVD Creator

Disclaimer: This guide only offers a brief and basic overview of aspects of this software necessary for burning video files.
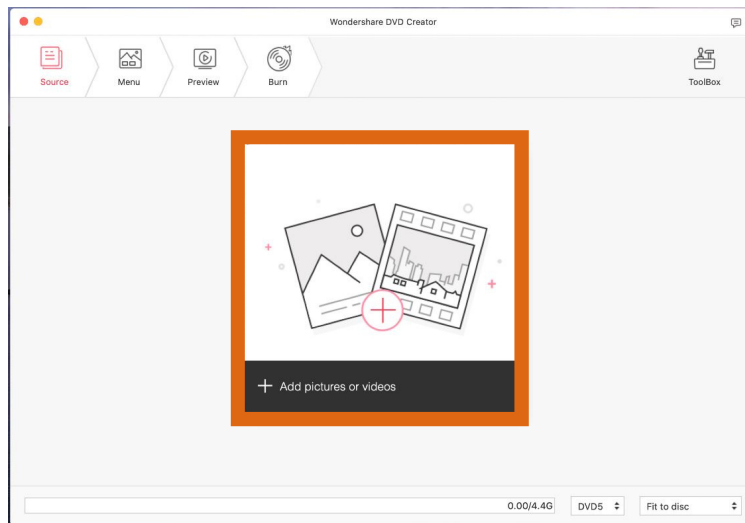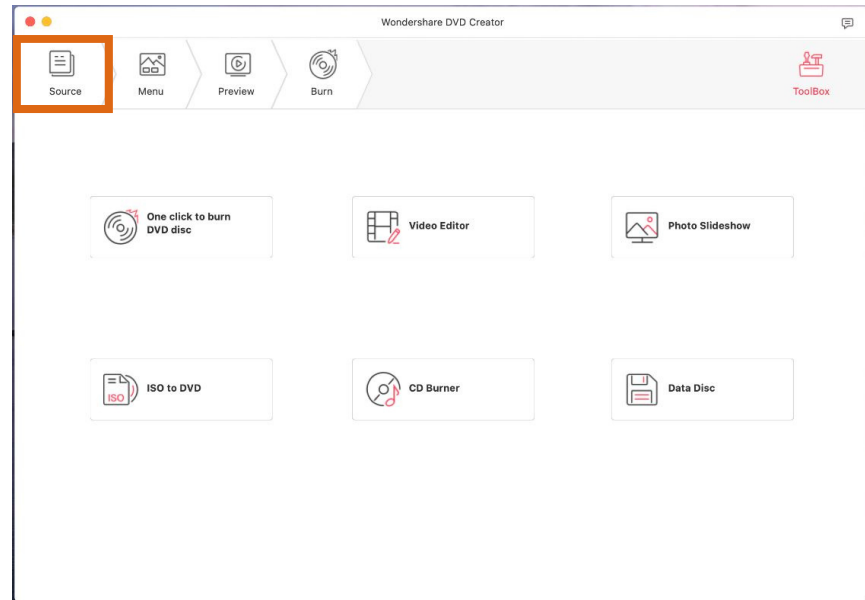
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Start by opening **Wondershare DVD Creator**.

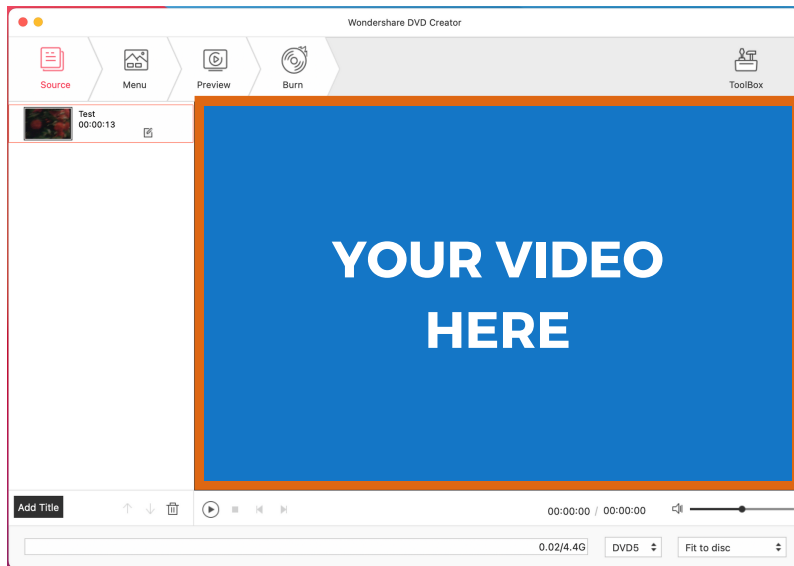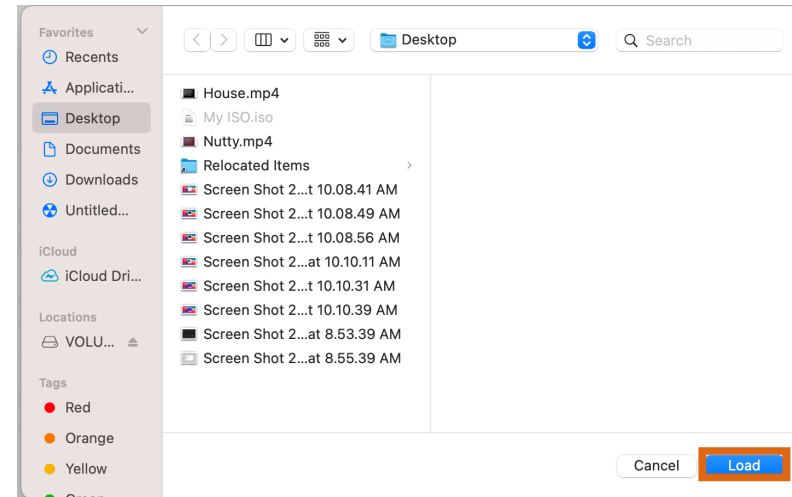In the first window, select **More DVD Tools**.

Next, select **Source** from the top navigation bar.

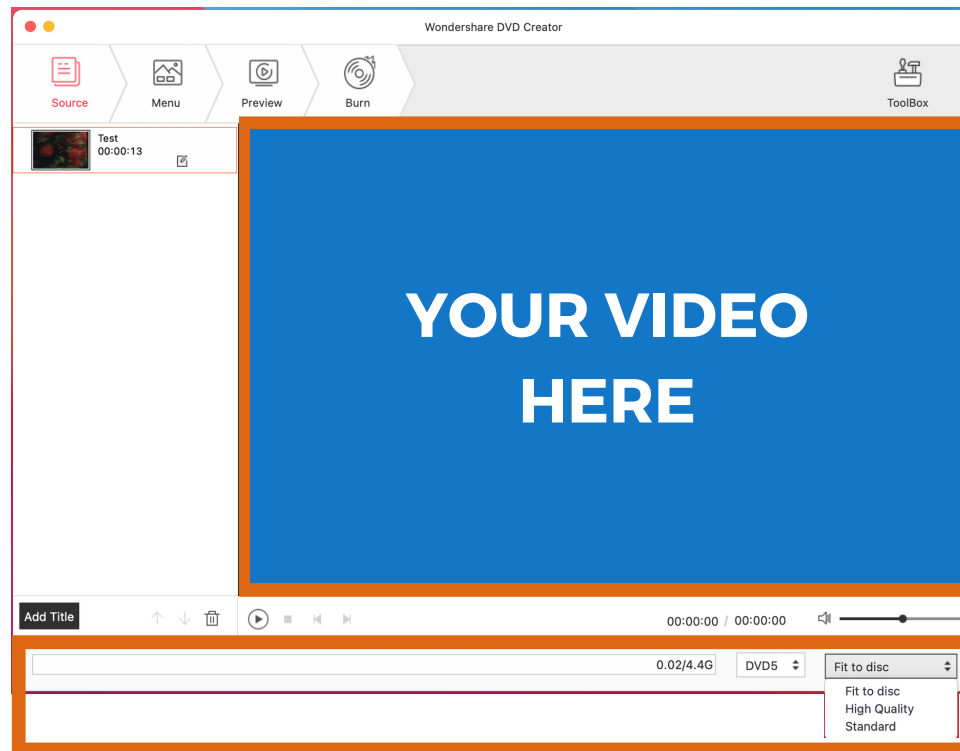Click on the **Add Pictures or Videos** icon to upload your video file.

Then select your video from the menu and click **Load**.

This is the screen you will see when your video file has loaded.

YOUR VIDEO HERE

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At the bottom of this screen, you will see a bar that tells you how big your file is. If it is larger than 4.4GB, then you may need to adjust how the file will fit on the disc.

You have three options for how your file will fit onto the disc: **Fit to disc**, **High Quality**, or **Standard**. **Fit to disc** will shrink your file to fit the disc, but you will lose quality. **High Quality** will give you the best quality, but this will result in a large file. **Standard** is the medium option with good quality and a lower file size than **High Quality**.
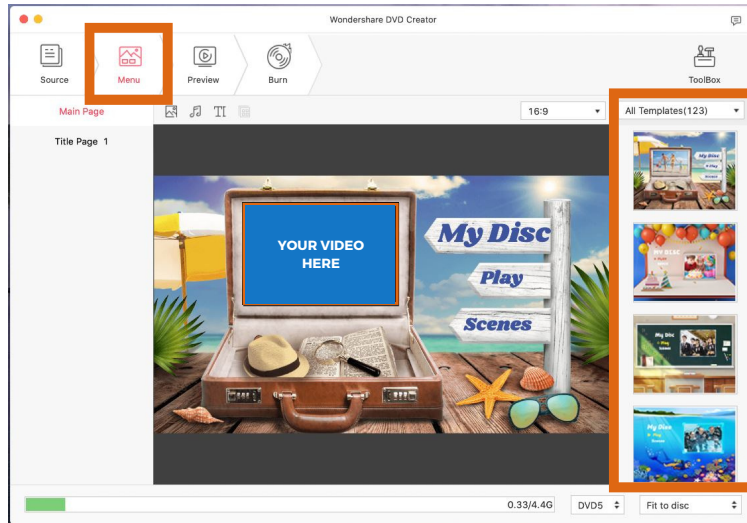
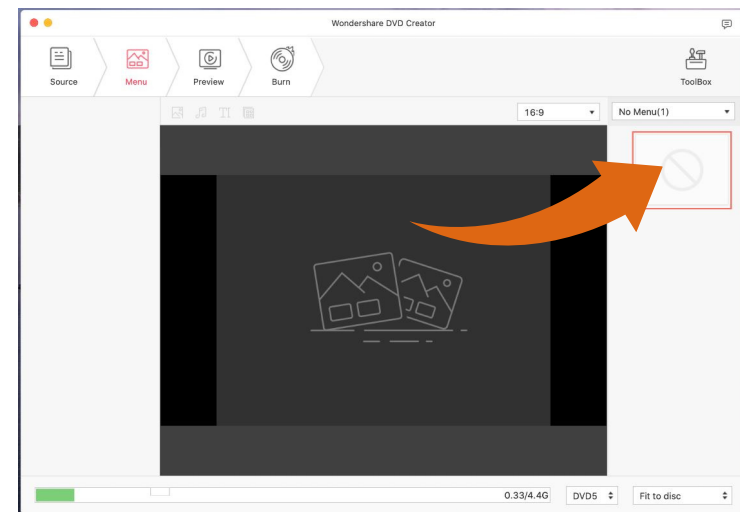Next, select the **Menu** option on the toolbar. If you want to add a menu to your disc, find a template you like, and then double-click it to apply it to your video.
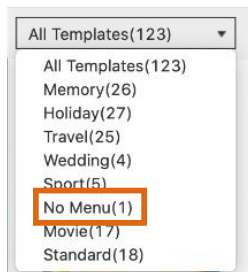
If you do not want a menu for your video, select **No Menu** from the drop-down menu. Then, double-click on the **No Menu** icon.

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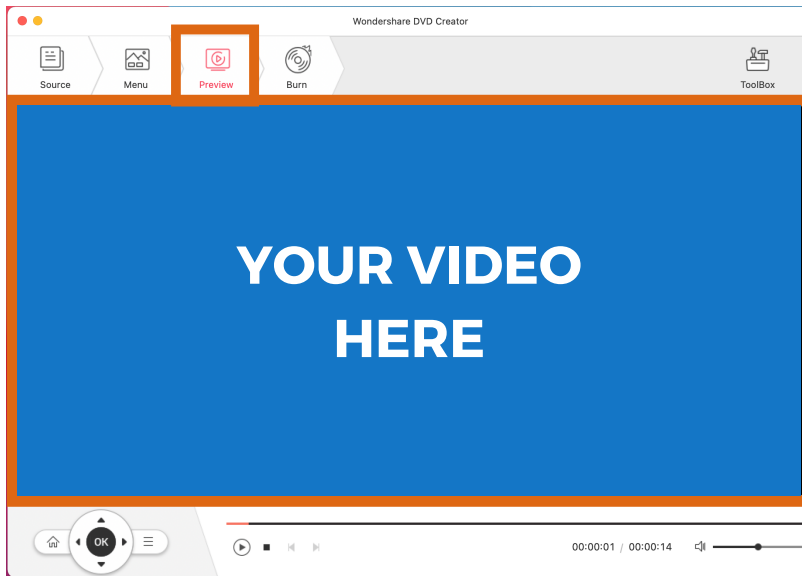
You can preview your film by selecting the **Preview** option from the toolbar.

When you are ready, select **Burn** from the toolbar. You can insert your DVD into the burner at this time.

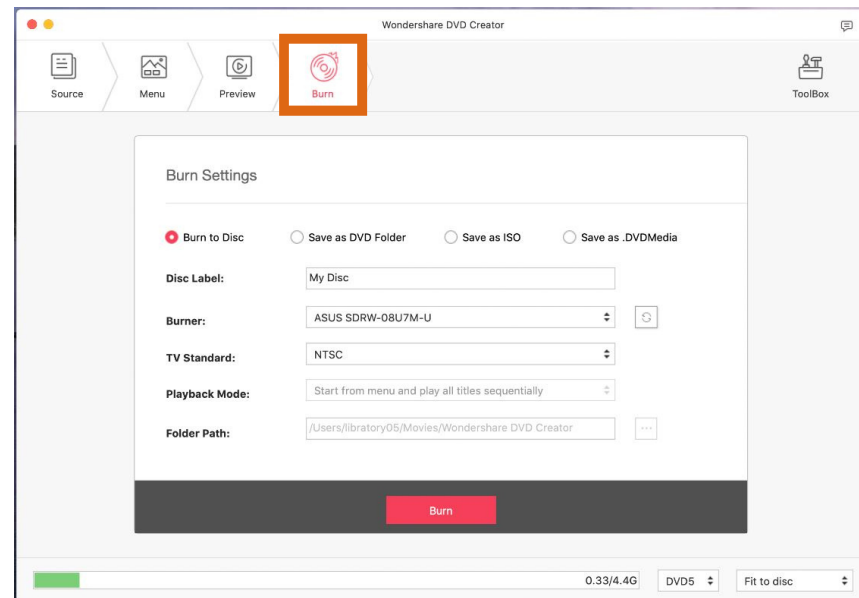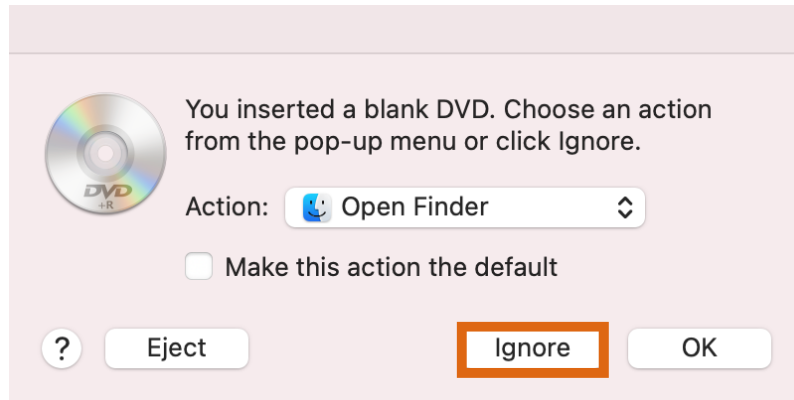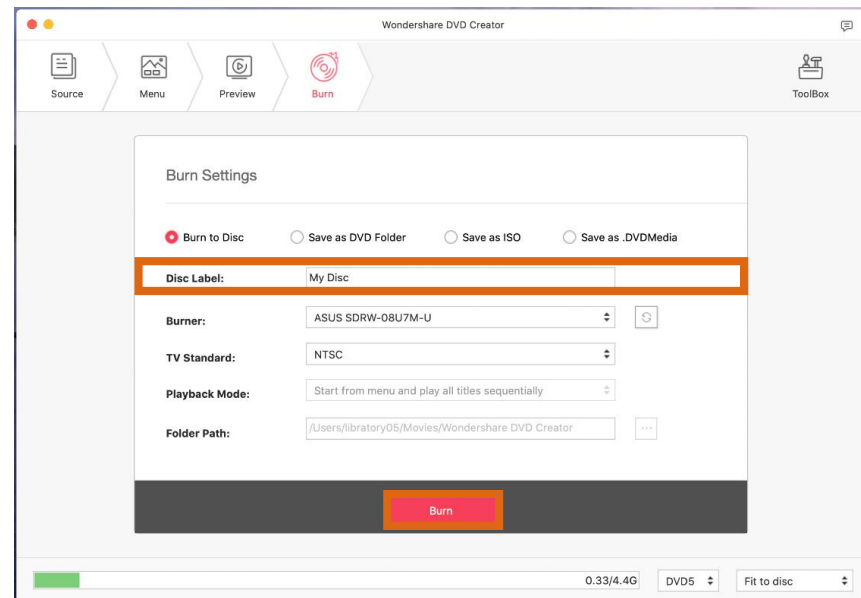You inserted a blank DVD. Choose an action from the pop-up menu or click Ignore.

Action: 🫥 Open Finder ⇕

☐ Make this action the default

? Eject   Ignore   OK

When you insert your blank DVD, this window will pop up after a few seconds. Just go ahead and click **Ignore** for now.

Make sure the settings look like those shown to the right. You can also give your disc a name at this time. When you are ready, click **Burn**.

Wondershare DVD Creator

Source   Menu   Preview   Burn   ToolBox

Burn Settings

⦿ Burn to Disc   ○ Save as DVD Folder   ○ Save as ISO   ○ Save as .DVDMedia

Disc Label: My Disc

Burner: ASUS SDRW-08U7M-U   ⇕   ⟳

TV Standard: NTSC   ⇕

Playback Mode: Start from menu and play all titles sequentially   ⇕

Folder Path: /Users/libratory05/Movies/Wondershare DVD Creator   ...

Burn

0.33/4.4G   DVD5 ⇕   Fit to disc ⇕

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These are the windows you will see as your video is being burned to the disc and when it is finished. If you are making an additional copy, insert a new DVD and select **Burn to another DVD**. If not, select **Finish**.
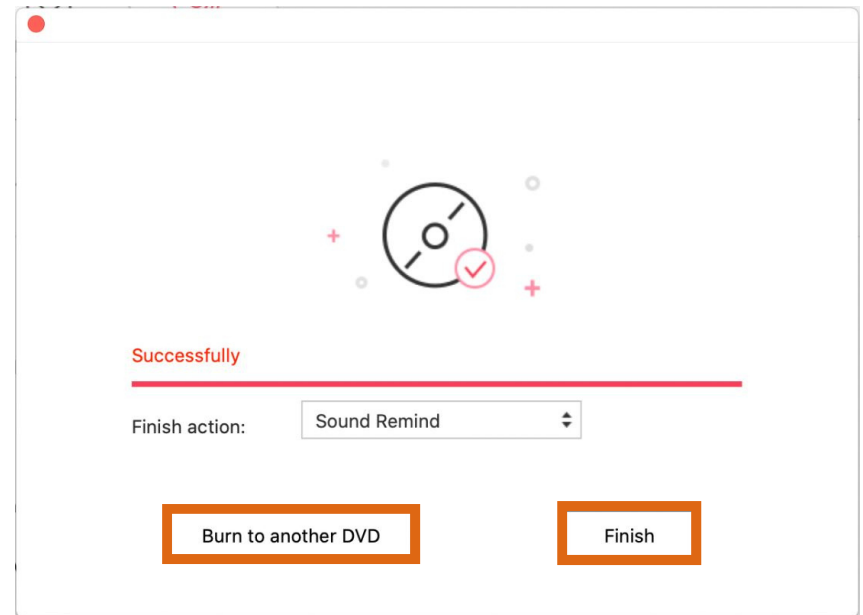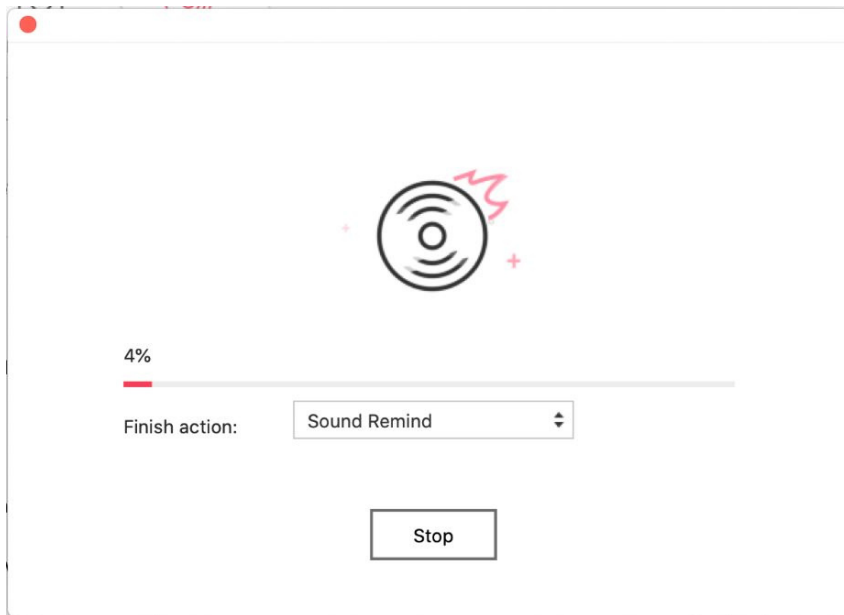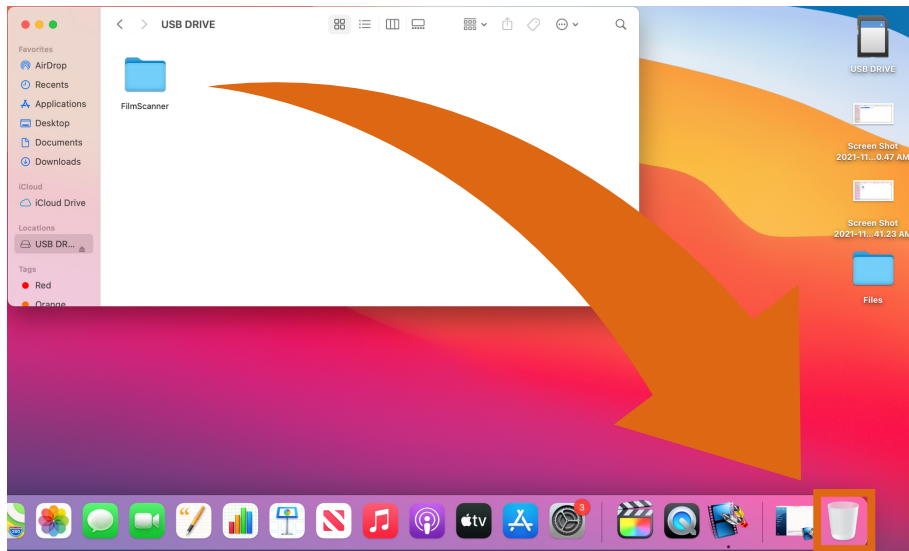
Once you are finished, exit the program by clicking on the red dot at the top right corner of the screen. When you see the prompt below, select **Don't Save**.
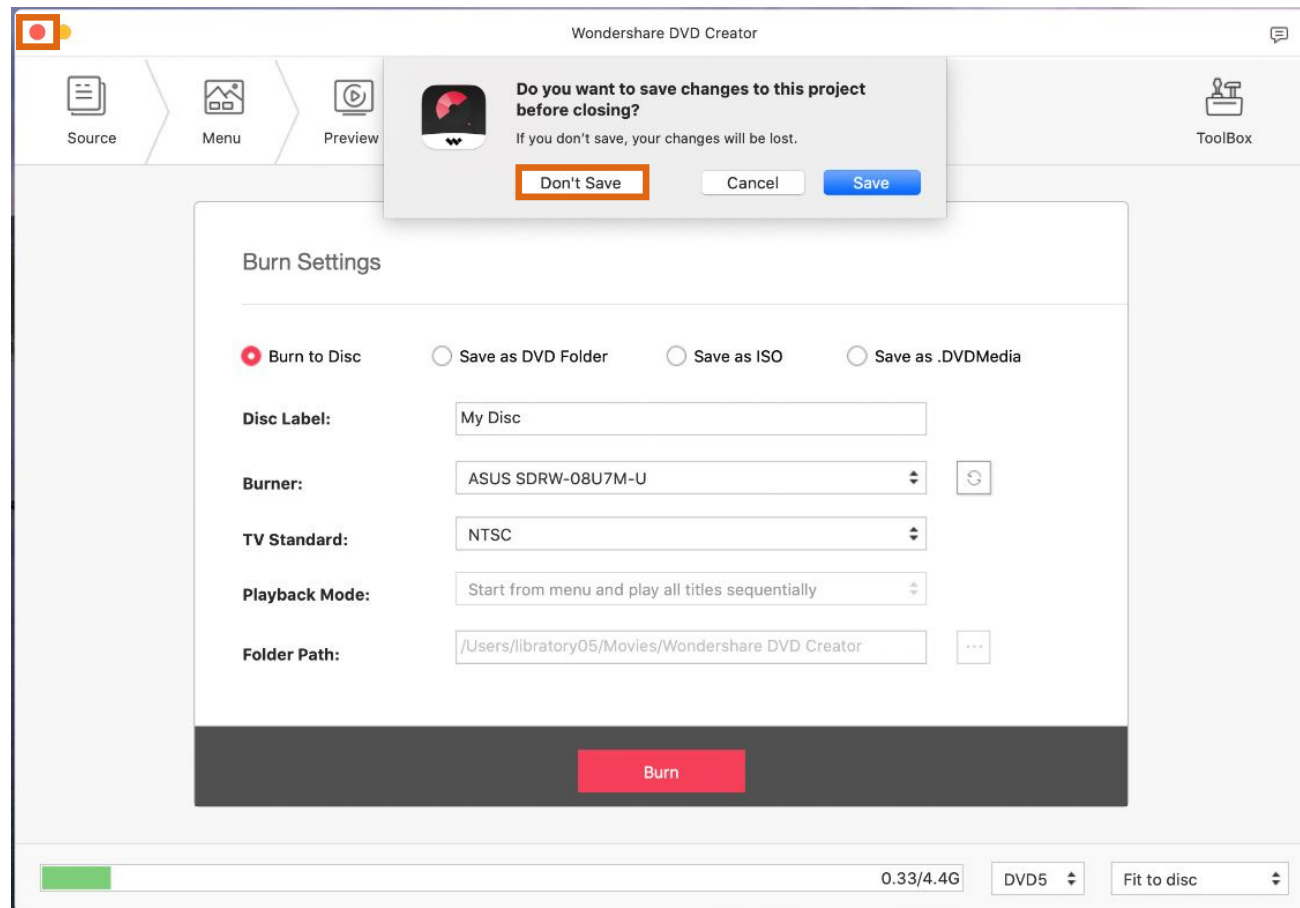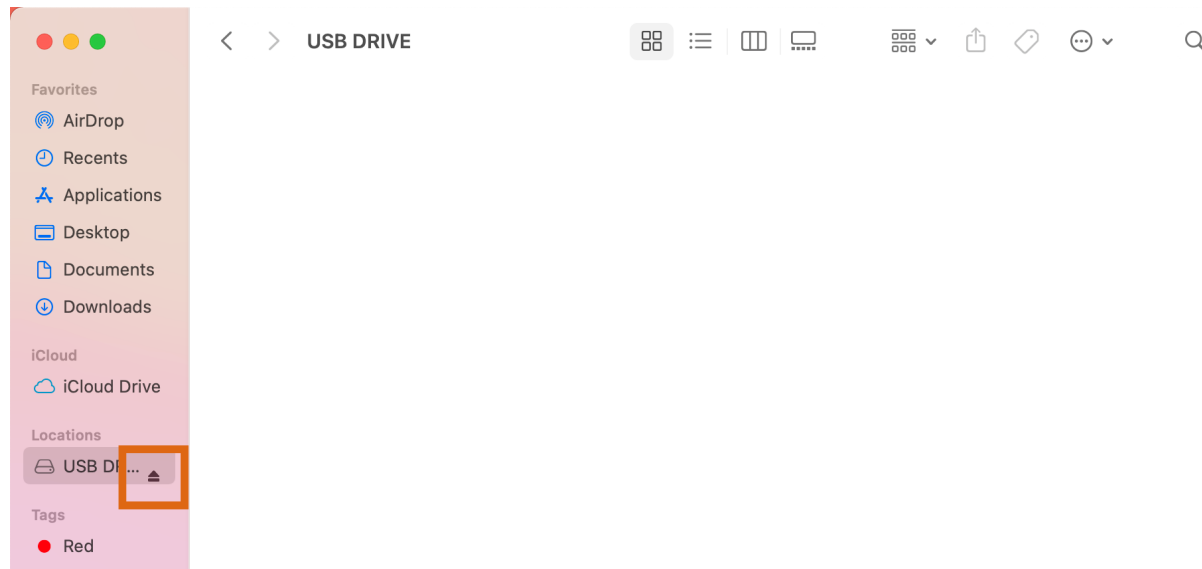
Finishing Up

Don't forget to clear and eject the SD Card. To do this, start by double-clicking on the **SD Card** icon.

Next, drag and drop the FilmScanner file folder into the **Trash** icon at the bottom-right corner of the screen.

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Finally, eject the SD card by clicking on the **Eject** icon next to the SD card's name in the list.

When the **SD Card** icon disappears from the desktop, you can remove it from the iMac.

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Thank you for stopping by!