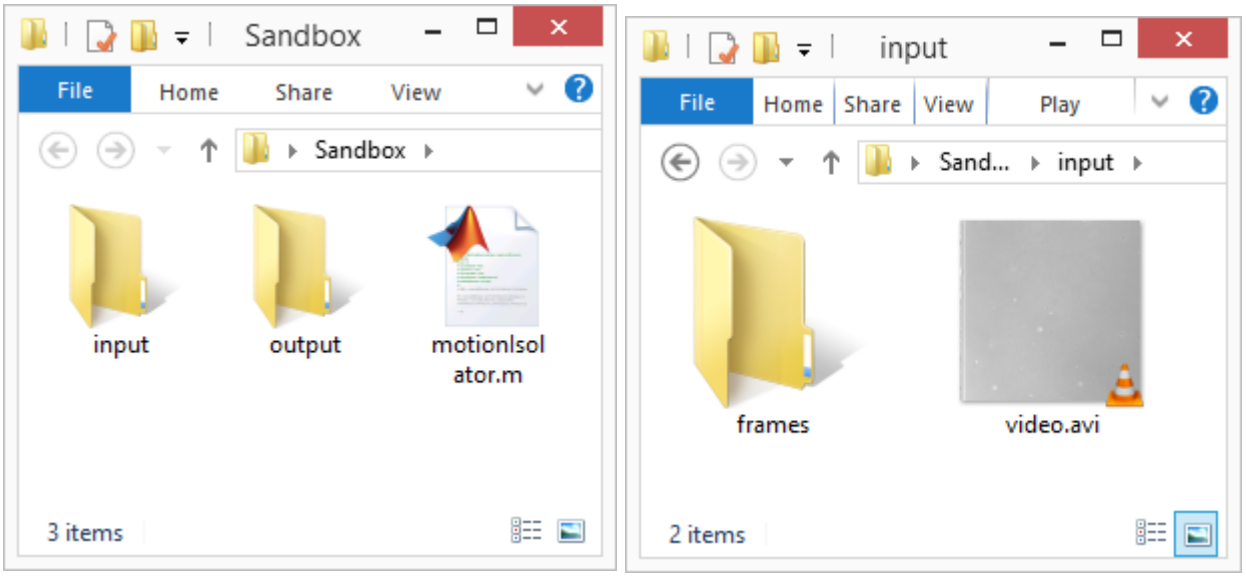
Mustafa Hussain
h.mustafa.mail@gmail.com

How to Use Moby Motion Isolator

Contents

Set up your file and folder structure.



1. Place this script in an empty folder.
2. Create two more folders: *input* and *output.*
3. Copy your video into the *input* folder.
4. Create another folder inside of the *input* folder where your image frames will go.

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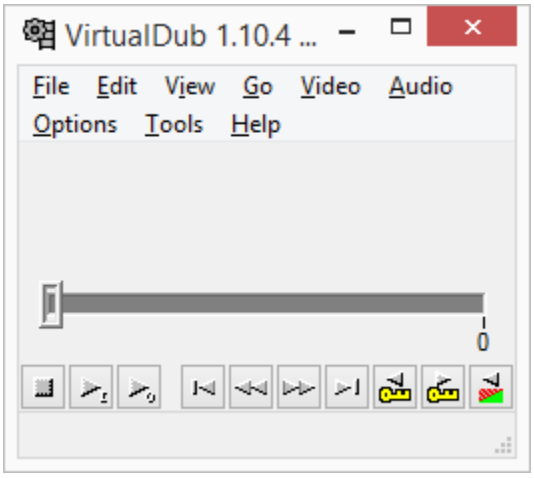
Turn your video into image frames.

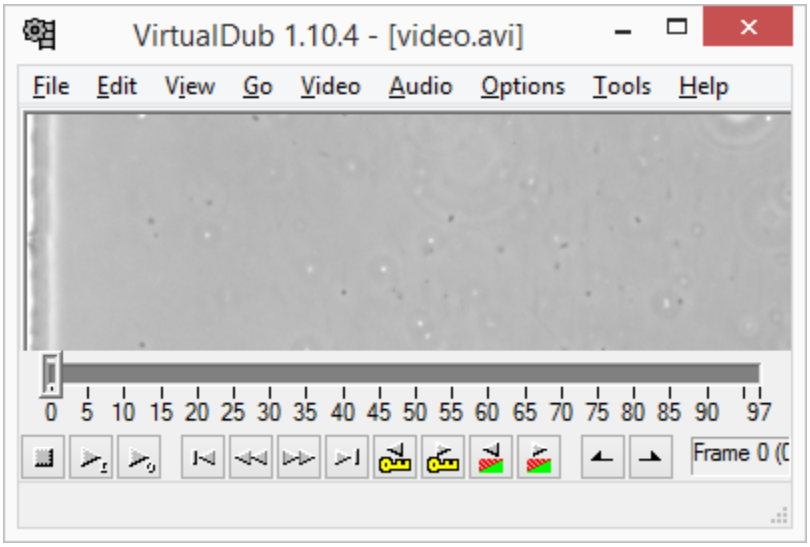
We will do this with VirtualDub, which may be downloaded here:

http://sourceforge.net/projects/virtualdub/?source=directory

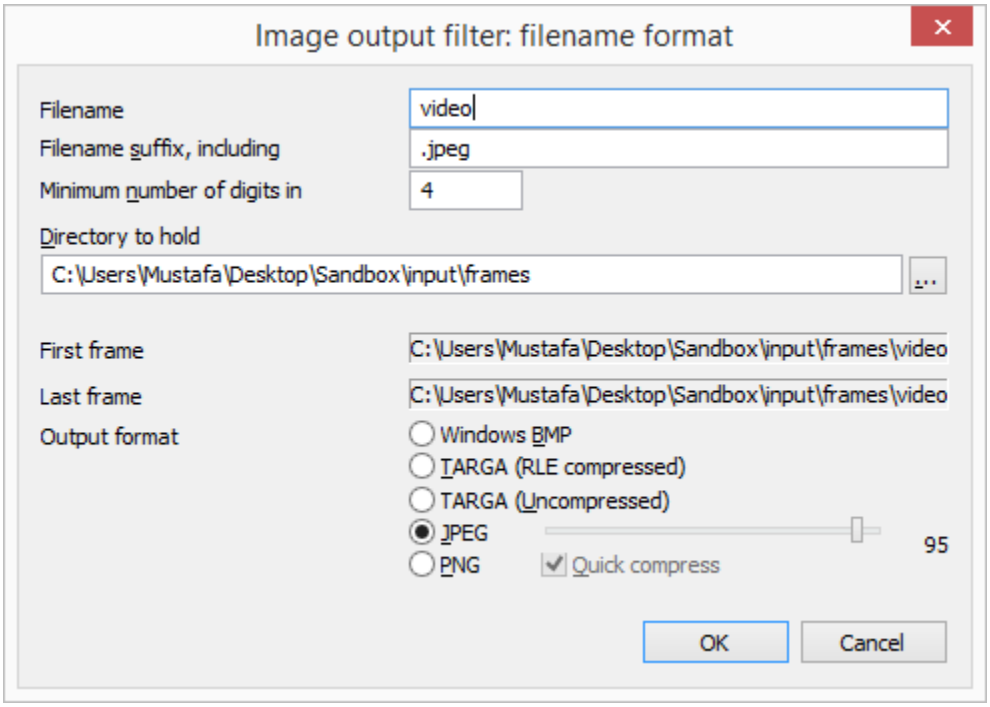
1. Download, extract, and run *VirtualDub.exe*



2. Click *File* > *Open Video File…* and open your video.

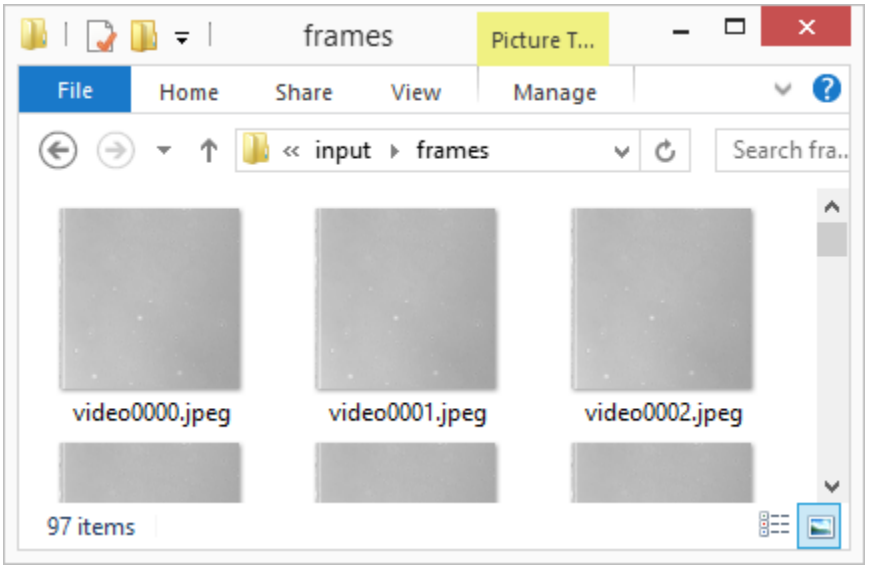


3. Click *File > Export > Image Sequence…*



   a. Type in the filename you want.
   b. Select the directory you want the frames to go in, from before.
   c. Select JPEG at the bottom.
   d. Click OK. Let it do its thing.

The video frames will be numbered sequentially. Thanks, VirtualDub!



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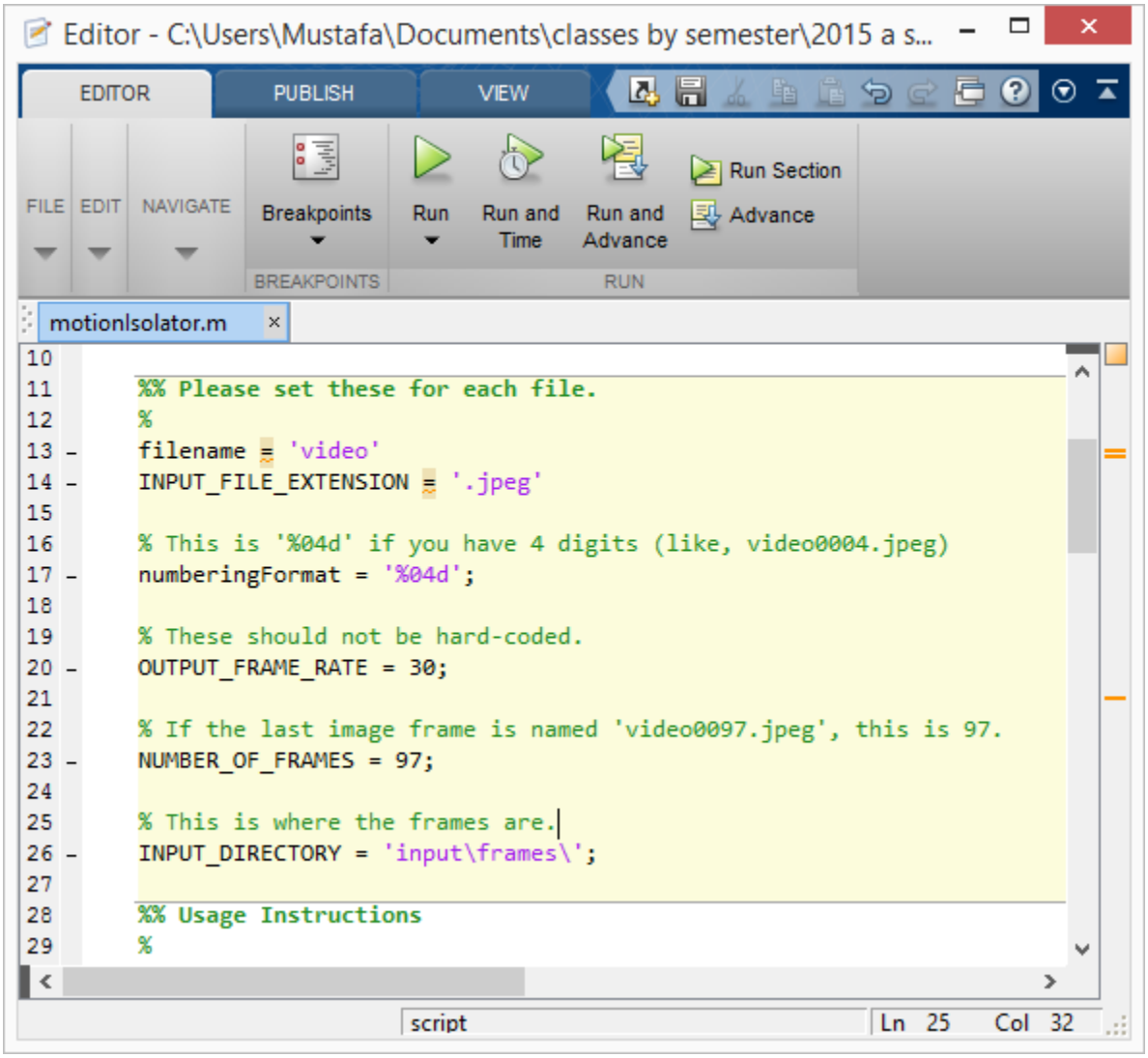
Set up the MATLAB Script.

1. Open mobyMotionIsolator.m in MATLAB.
2. Set the variables in the "Set these for each file" section.



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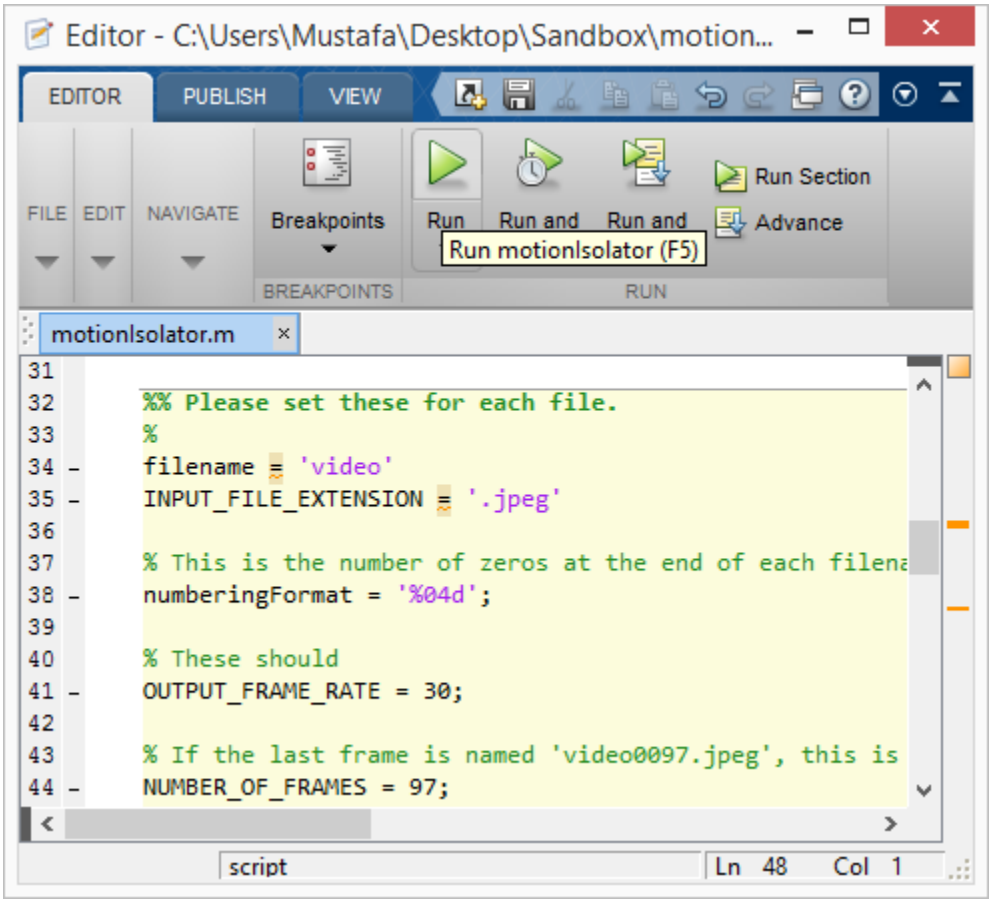
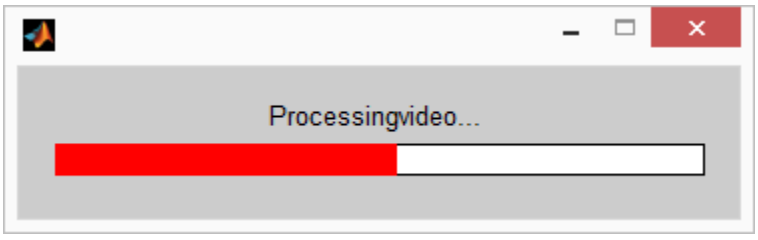
Run the script.

1. Click the green button.



2. Let it do its thing.



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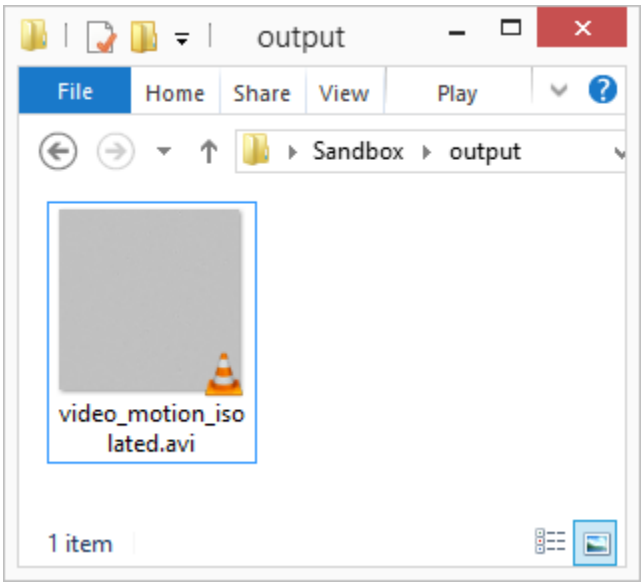
Find your video.

Your processed video will be in the *output* folder.



I recommend performing a *sanity check:* The lengths of the input and output videos should be the same.