

Processing

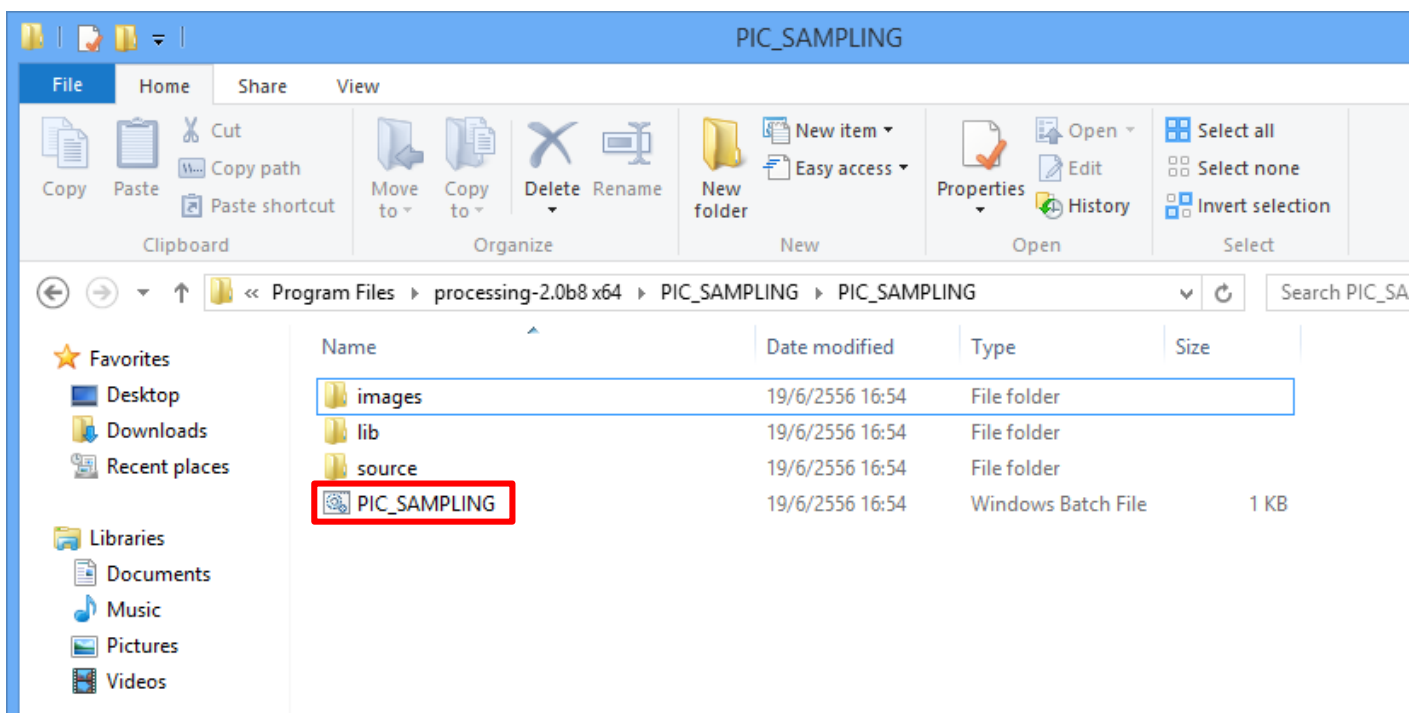
ASSIGNMENT III : Program Manual

[Viral Capture]



>> Chapter 1 : How to run the program

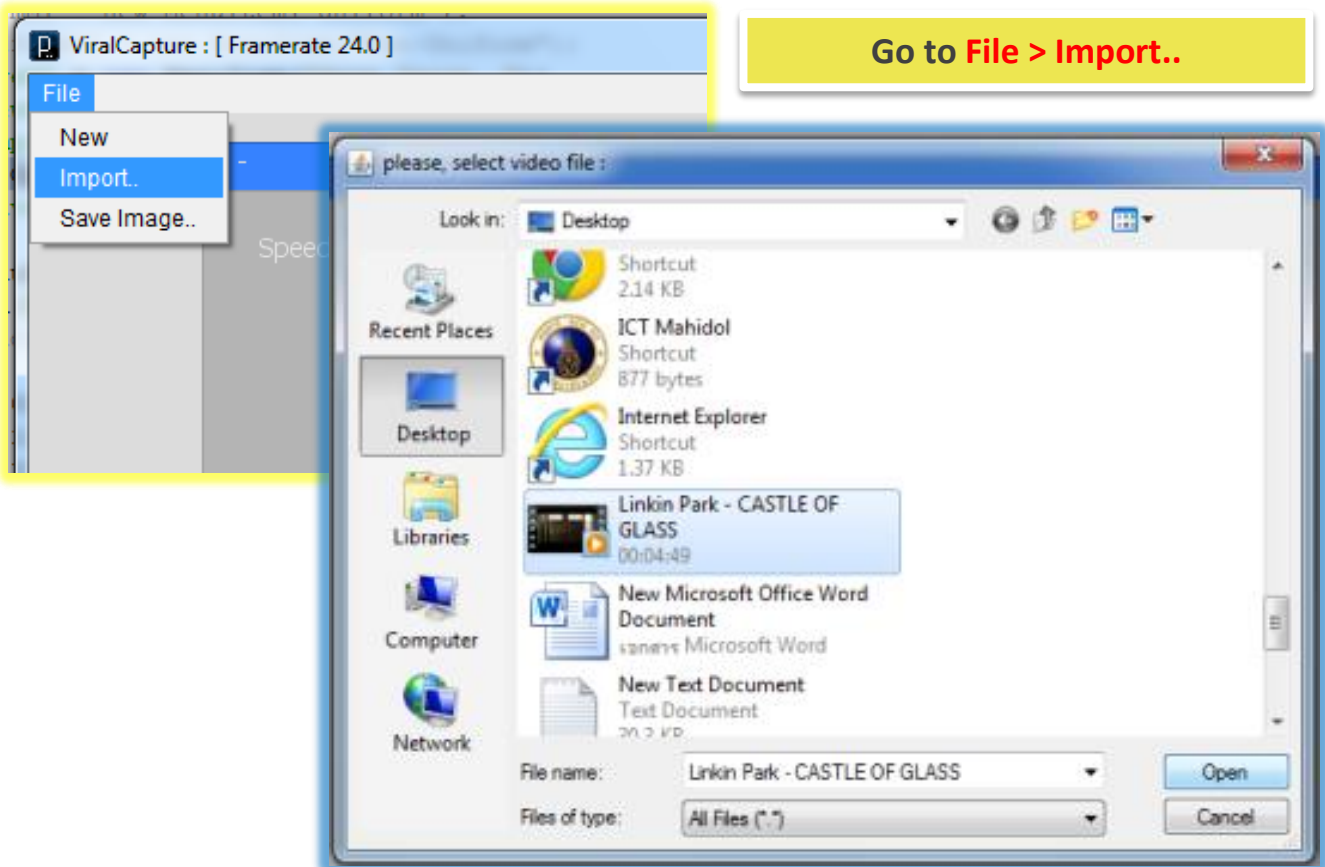
1. Extract folder from .rar file.
2. Go inside "VIRAL_CAPTURE" folder.
3. Double click on "VIRAL_CAPTURE.bat".



1

Create a method to allow user to read and play input video (**no GUI is required**). The input video should have **.MOV** format and has its duration **less than 1 min**.

Go to **File > Import..**



Choose video file in **.mov** or **.mp4** format and click on **Open**



Video will appear and play from the beginning



Play



Pause



Stop

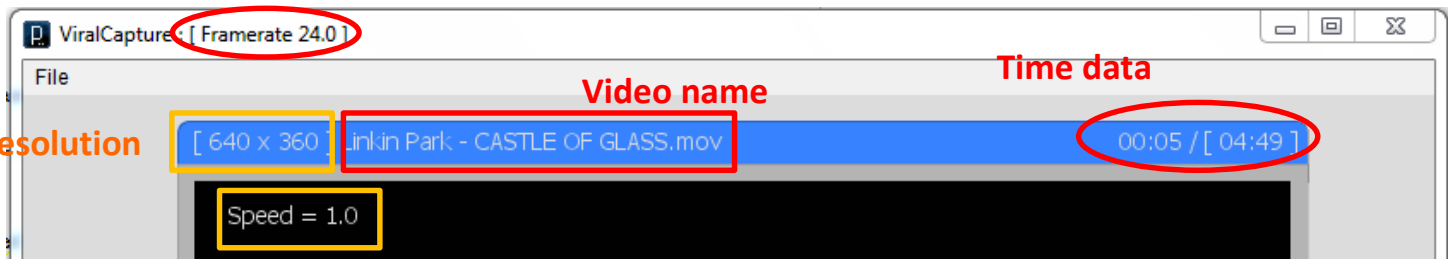


Forward



Backward

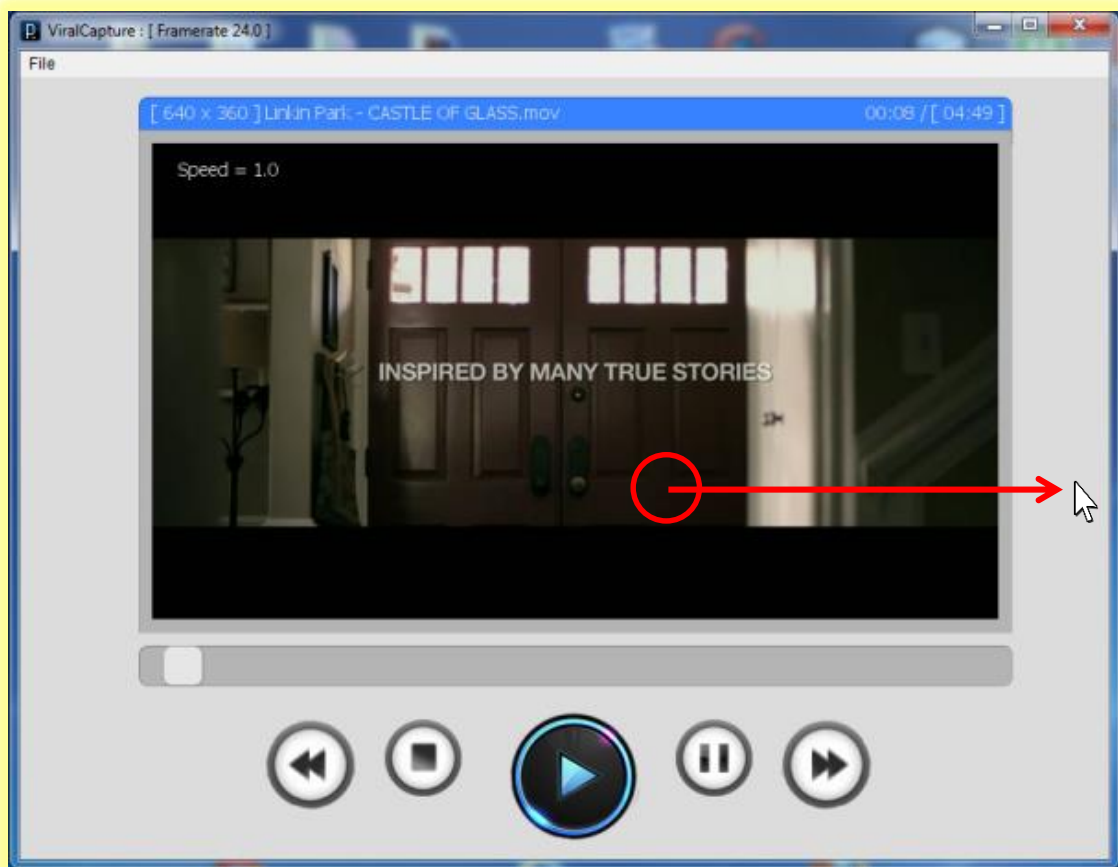
Video Frame rate



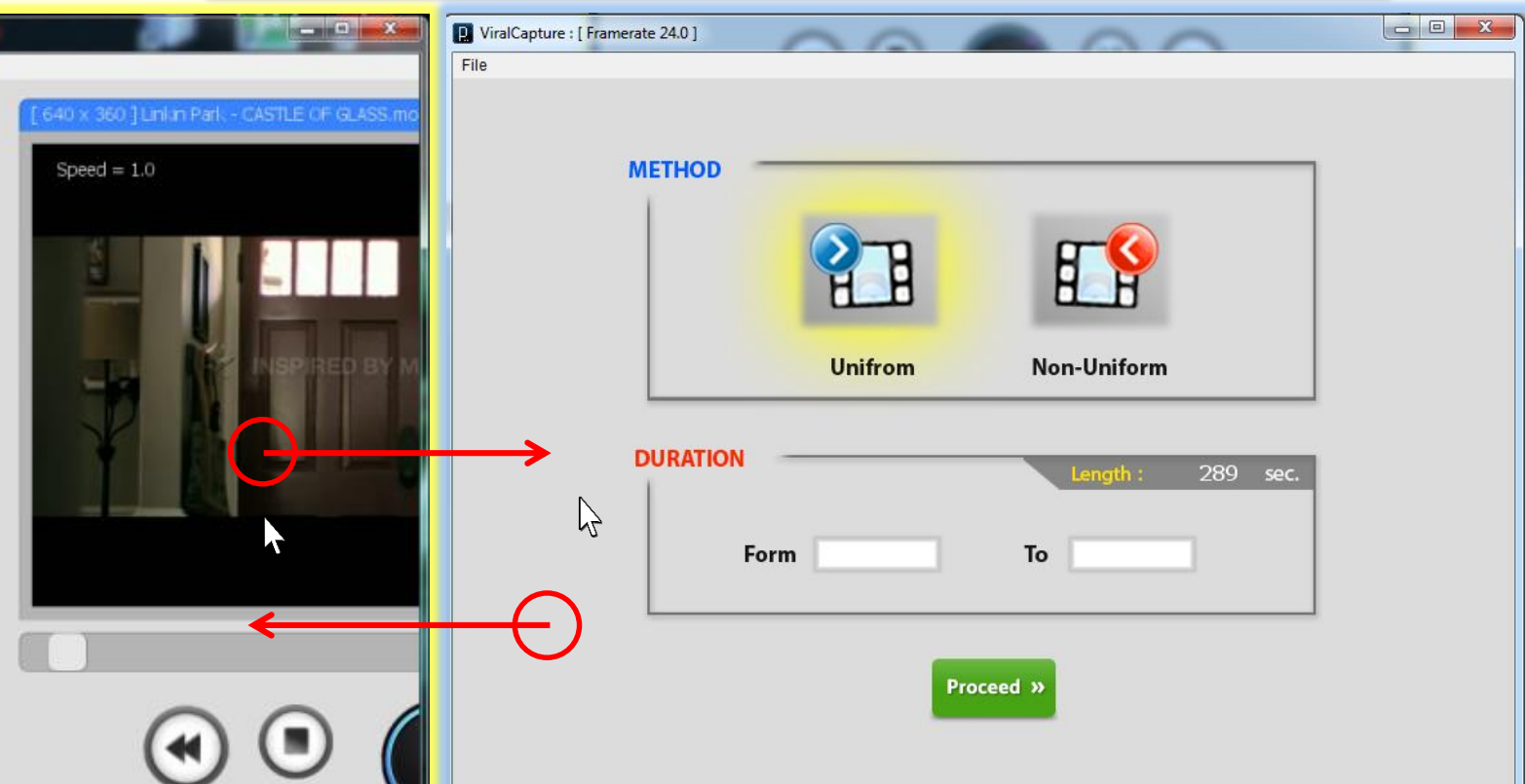
Video speed

2

Add option to select the method and do **uniform** and **non-uniform** summarization.



Drag and drop mouse cursor to the right, summarize option will appear



Drag mouse to the left , if you want to continue watching the video .

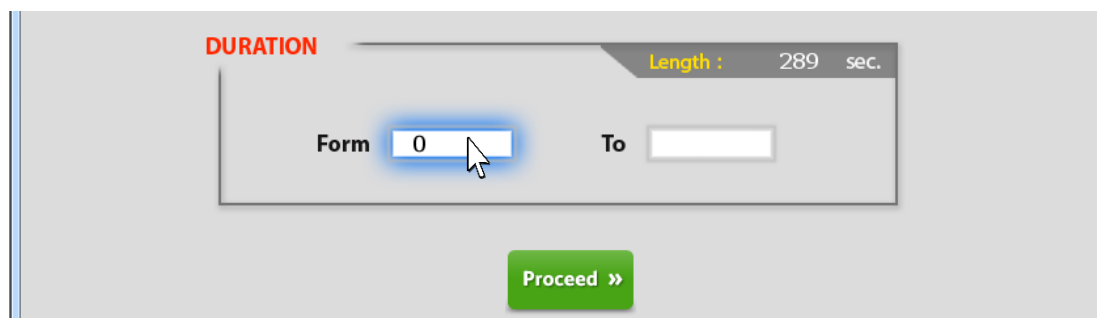


Click mouse on method you want to use

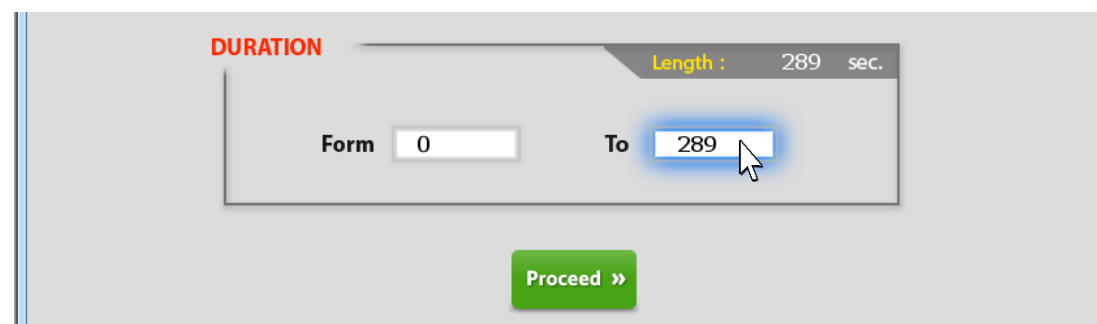


3

Allow user to **control** frame rate, **duration of time to be summarized**, etc.



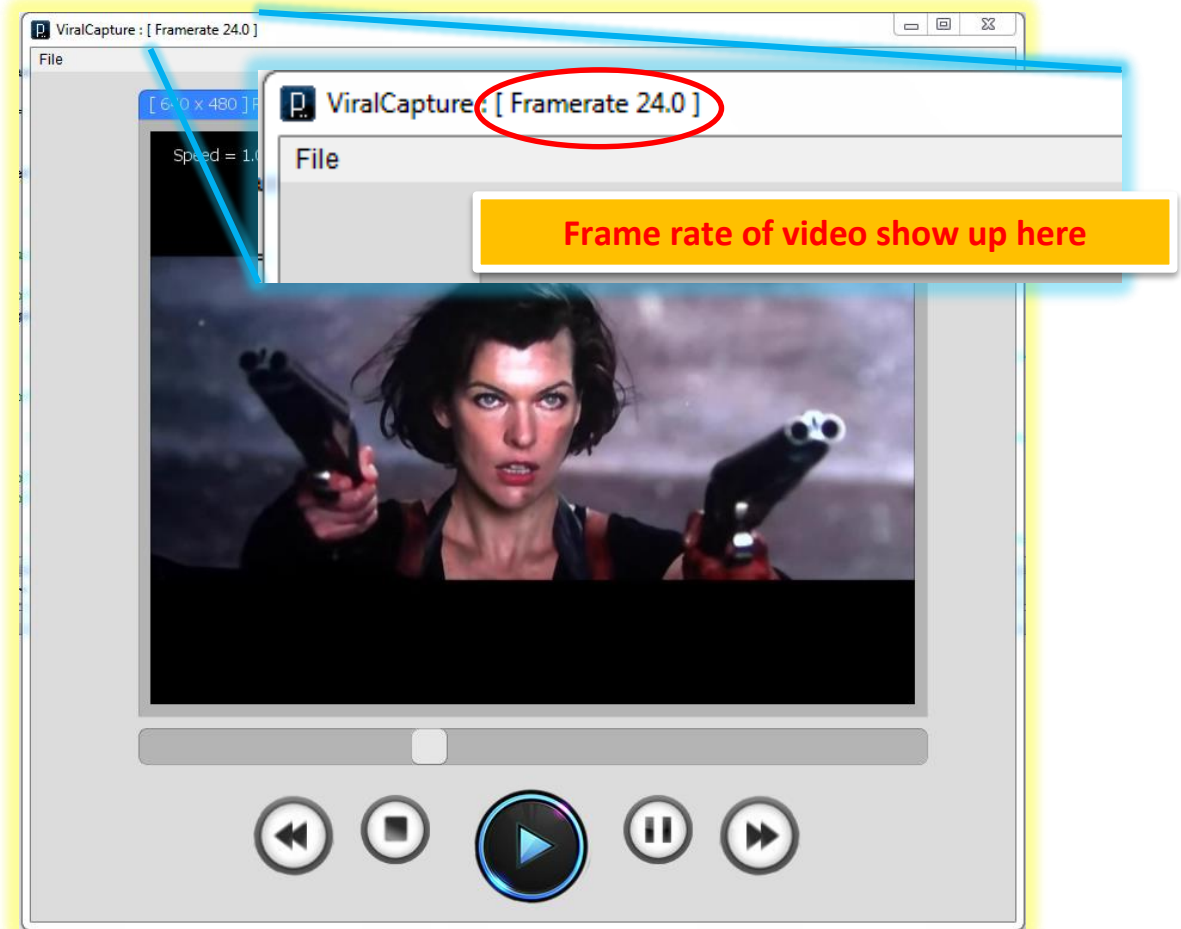
Click mouse on text field and type range number in seconds



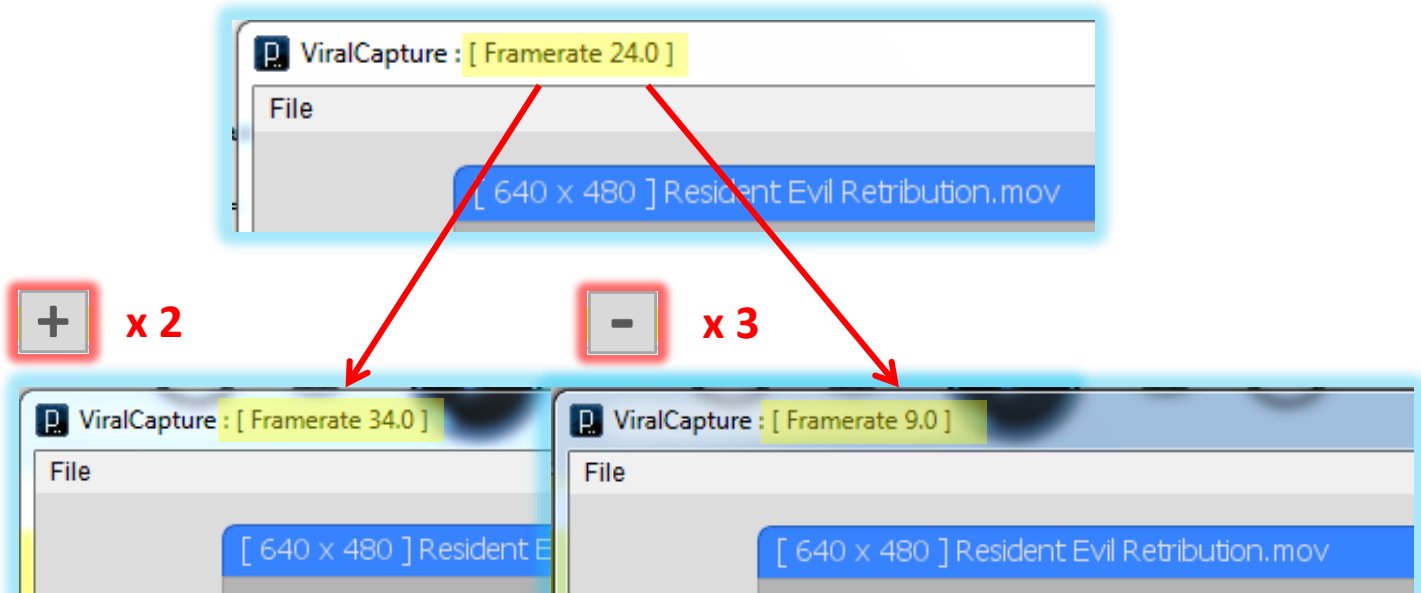
HINT : if you type the number wrong , simply click at text field again , and then retype

3

Allow user to **control** frame rate, duration of time to be summarized, etc.

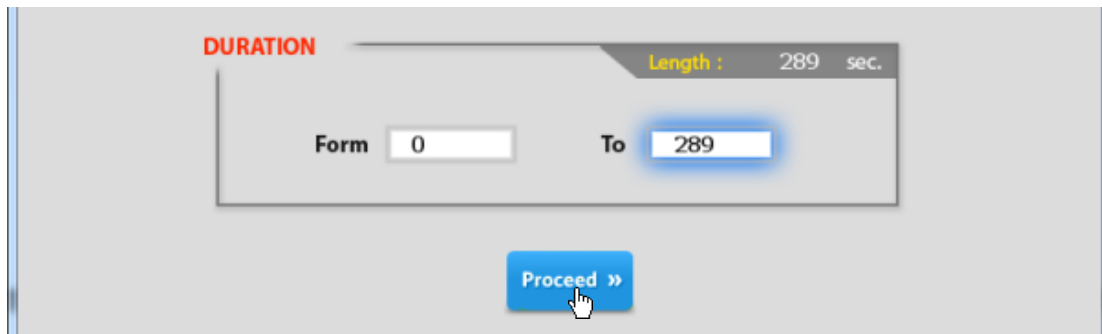


Press **+** OR **-** on keyboard
To increase or decrease the video's framerate by 5 per press.

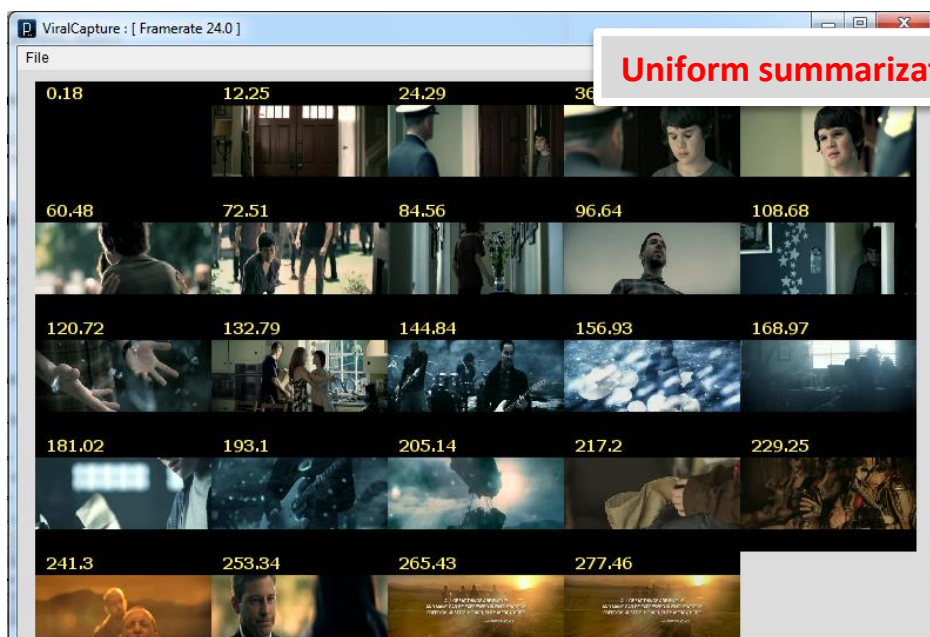


4

Output a result of summarization in one image as shown above in the document.



Click mouse on Proceed button after import video and input the number in duration text field already.



It will take 7-15 seconds on average but, It's also depends on duration range you input in and the length of video.



Drag mouse to the left ,back to the video . Then **drag** and **drop** mouse to the right , summarize option will appear again.