

# **Media Production: Technology and Design (ELEC 1020)**

## **LAB 8**

### **Visual Effects with Adobe After Effect CS4**



# Scoring Rubric For the Labs

max. 4 (100% ) out of 4	4 (100%) Exceeds Standard	2 (50%) Meets Standard	1 (25%) Approaches Standard	0 (0%) Fails
Evaluation of your production in terms of design and technical effectiveness	On top of the standard deliverables, students showed unusual insight, complexity, originality, or creativity with their message or choice of an art form or medium to express it.	Students completed <b>ALL</b> required messages and reproduced the expected art form or medium.	Students <b>partially</b> completed the required messages and reproduced the expected art form or medium.	Students <b>FAILED to complete any</b> required messages and reproduced the expected art form or medium.
	Work shows <b>rich</b> evidence that student researched his/her <b>OWN</b> ideas, art form, and the techniques of his/her art form.	Work shows <b>full</b> evidence that students completed the required ideas, art form, and the techniques of art form expected.	Work shows <b>partial</b> evidence that students completed <b>some</b> required ideas, art form, and the techniques of art form expected.	Work shows <b>NO</b> evidence that students completed any required ideas, art form, and the techniques of art form expected.

# Outcomes of this lab

1. Create a time flow motion video with a special color tone using given images
2. Shoot footages and take images with a story
3. Create a 30s video with Funny/Cool Actions in the Air using Time Flow Motion and a special color tone

## Attention

- The required material for basic task will be provided after the presentation.
- Use smartphone cameras to shoot and produce suitable footage before editing (6 ppl a group) for your creative task.

# Lab Contents

1. Time flow motion
2. Changing Color Tone
3. Export to Premiere

# Recall – A Special Shooting Technique

- Time Flow Motion Effect

<http://www.viralviralvideos.com/tag/the-matrix/page/2/>



1.  
<https://www.youtube.com/watch?v=WhxbYTMNMxo>

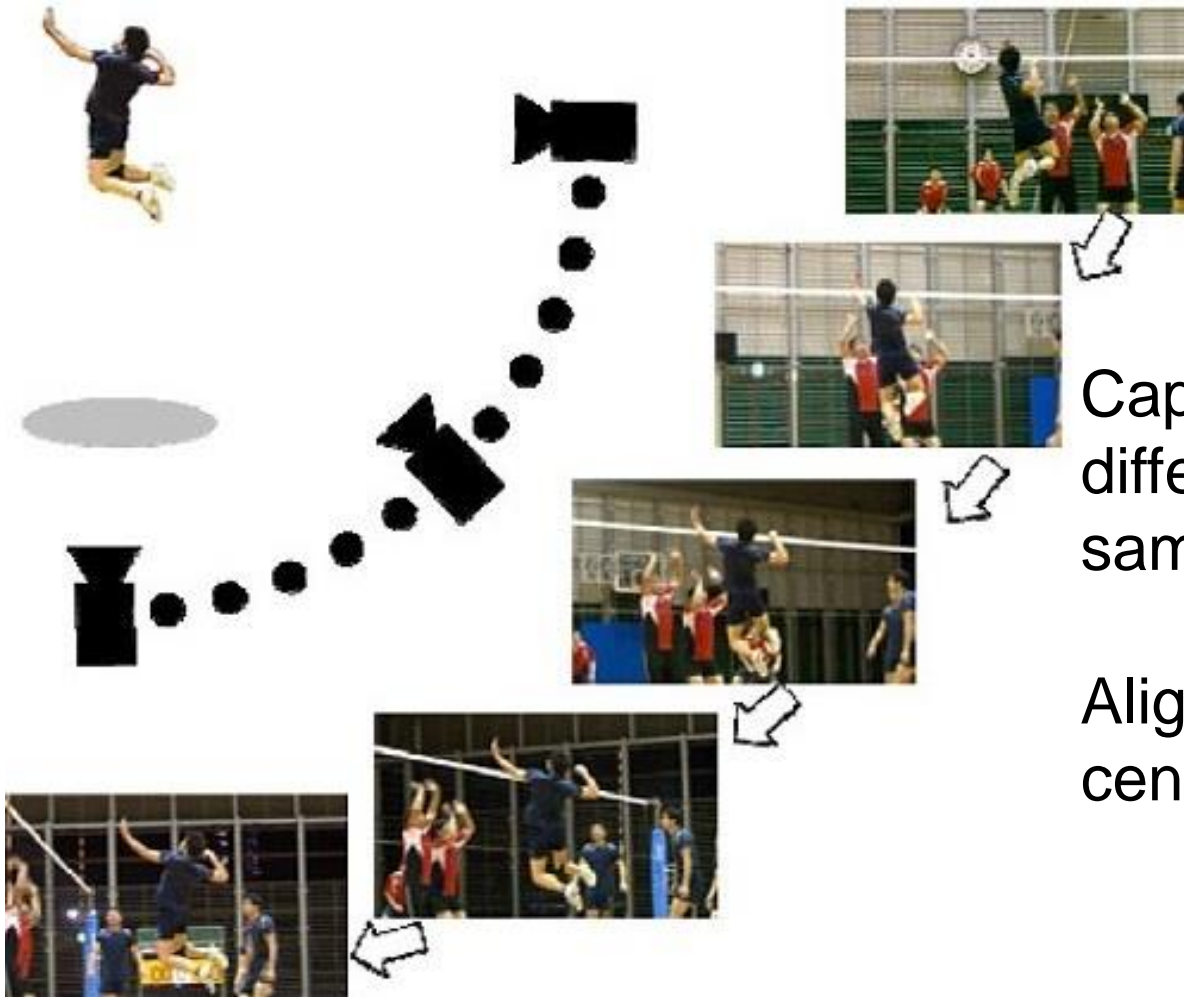
2.  
<https://www.youtube.com/watch?v=bKEcElcTUMk>

3.  
<https://www.youtube.com/watch?v=Kjcv-JtUOgA>



# What is time flow motion effect?

## Theory behind the effect



Capture the motion from different angles at the same time

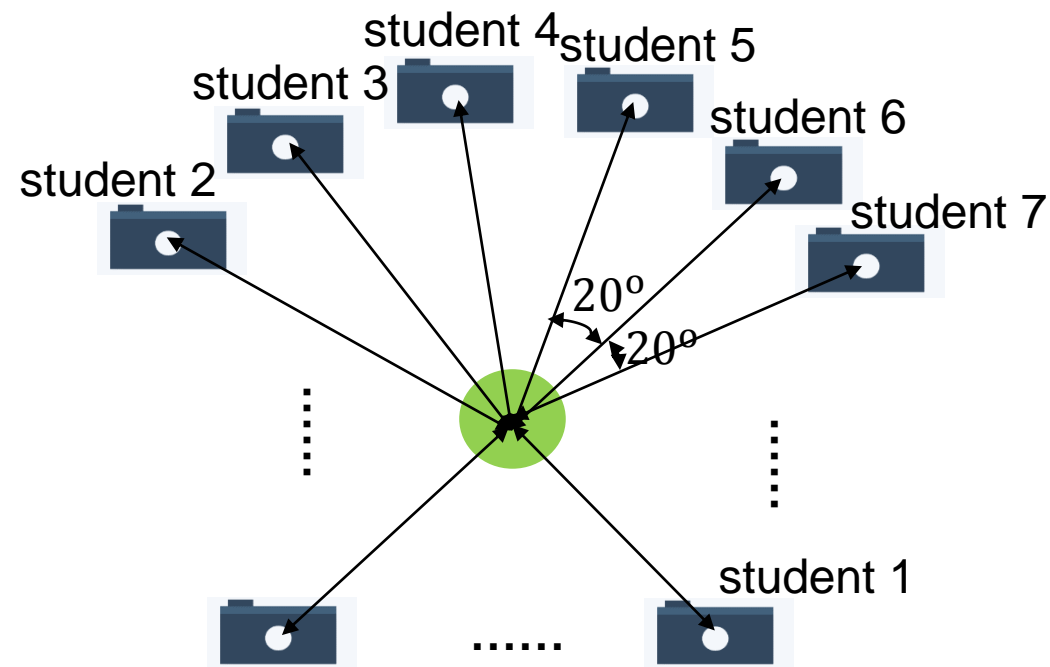
Align the subject in the center

# Steps for time flow motion

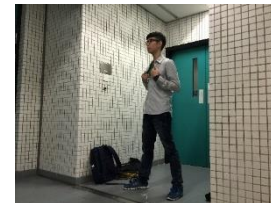
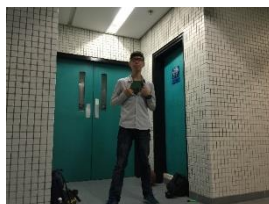
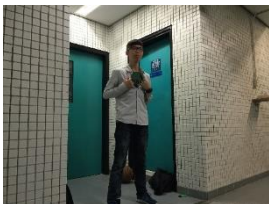
1. Import images with different angles into After Effects
2. Align the images and timeline
3. Combine images into a composition for editing
4. Export the footage to Premier (e.g., for audio)

# Time flow motion

## Step 1: Creating photos for the effect



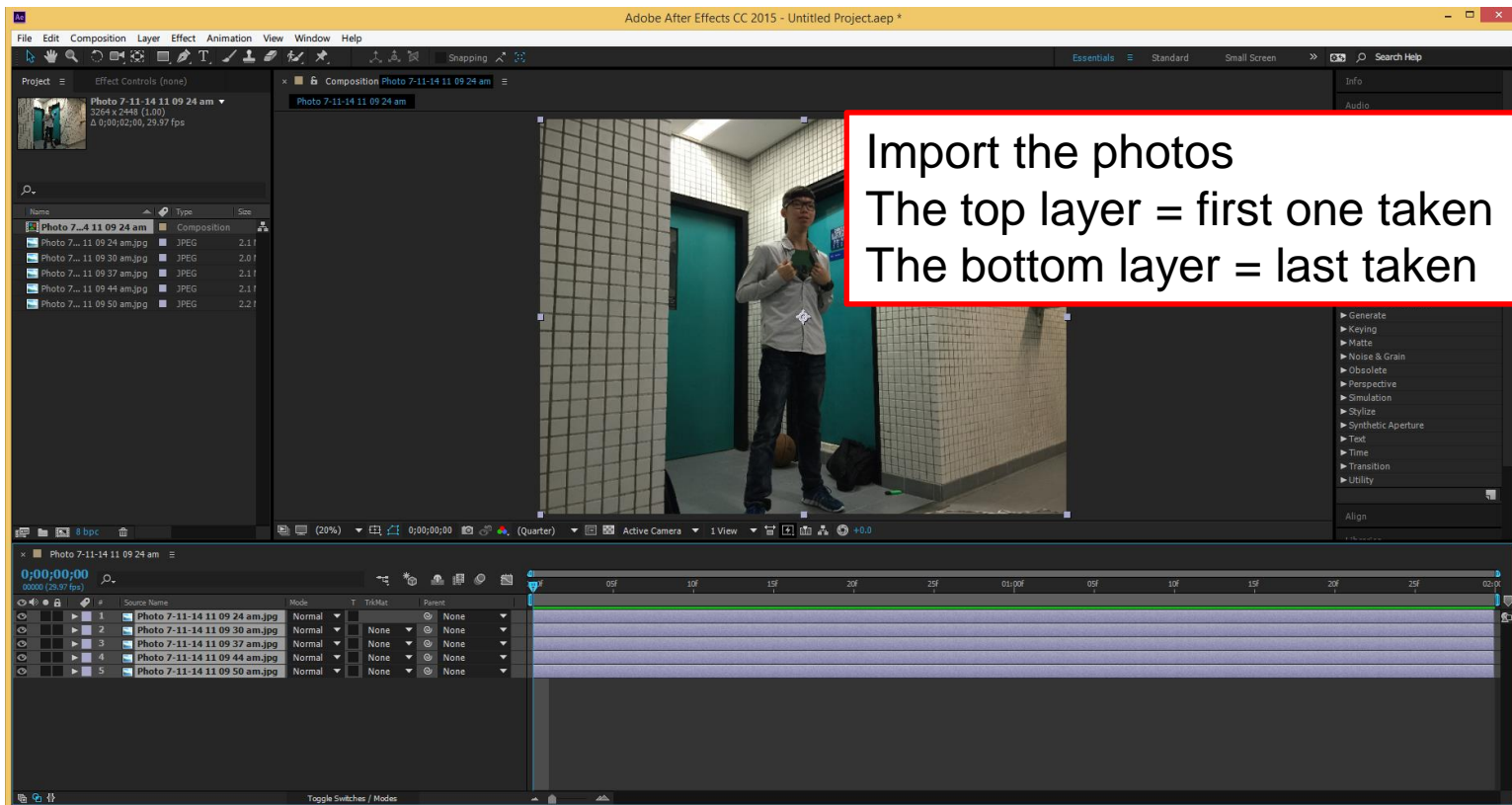
- Equal distance from the subject at the same angle
- Make sure you have the right footage!





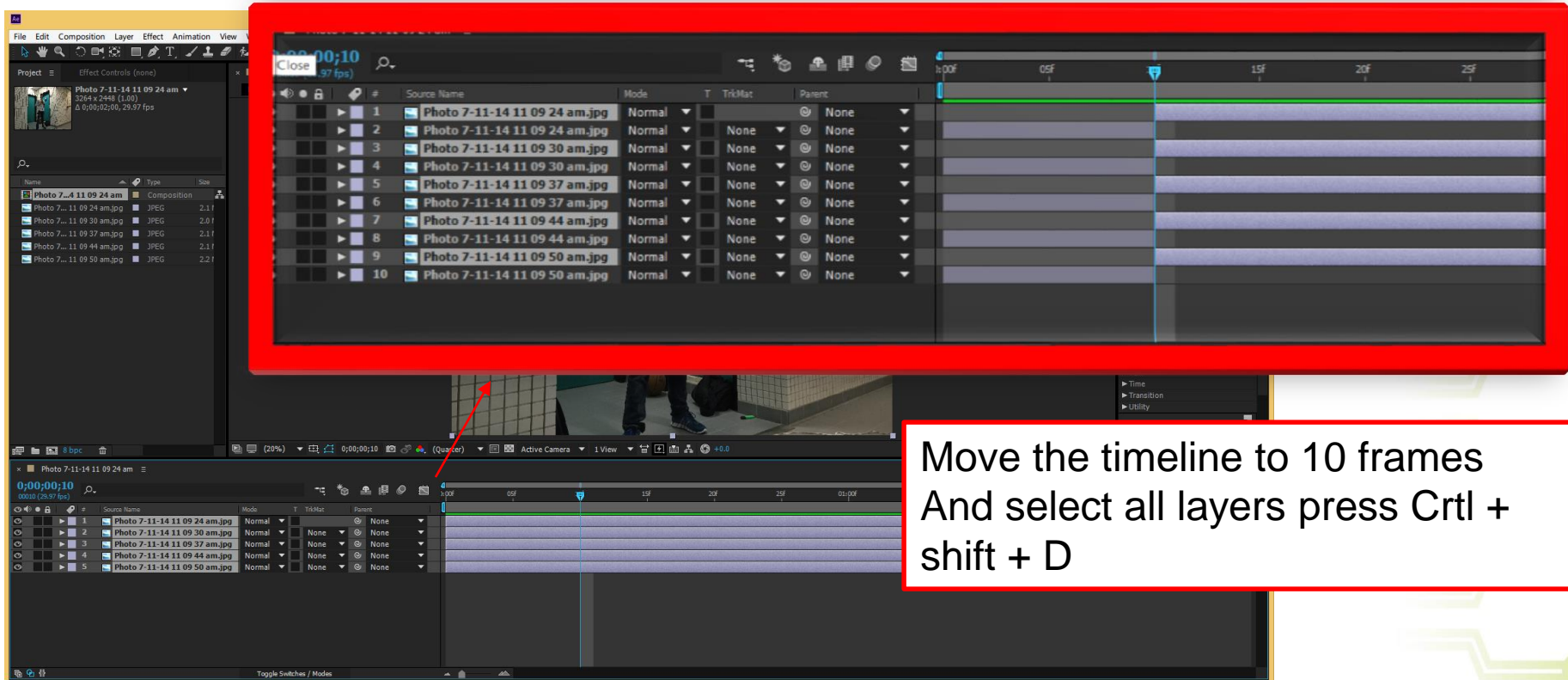
# Time flow motion

## Step 2: Setting up compositions



# Time flow motion

## Step 2: Setting up compositions



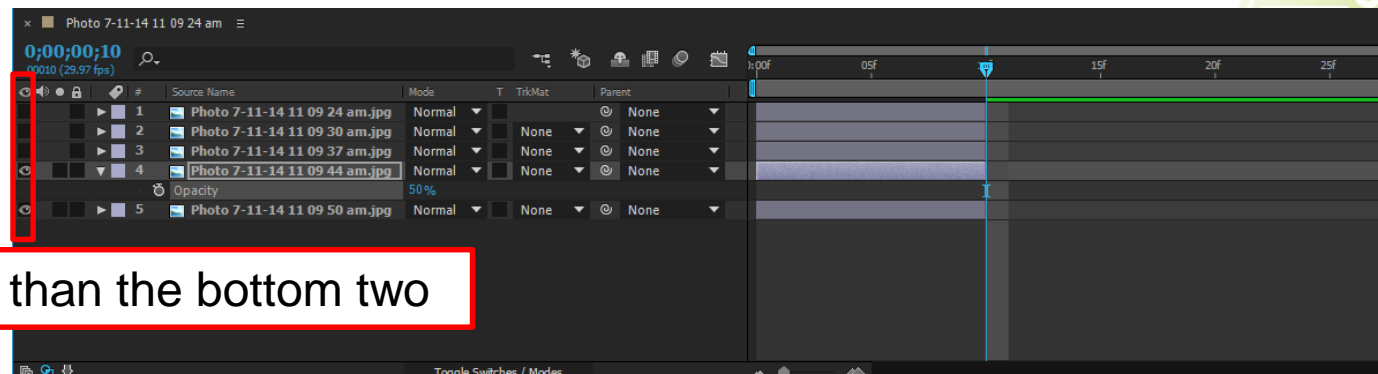
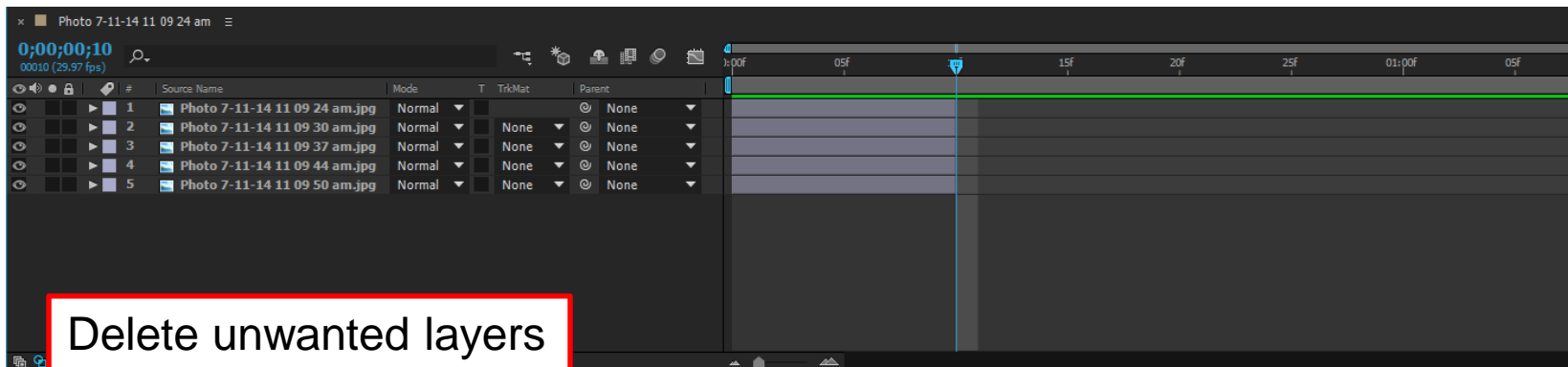
The screenshot shows the Adobe After Effects interface. The Project panel on the left contains a composition named 'Photo 7-11-14 11 09 24 am'. The Composition panel in the center shows a timeline with 10 photo layers. A red box highlights the layer list, and a red arrow points to the timeline. The timeline is currently at 0:00:00:10. A text box on the right provides instructions on how to move the timeline and select all layers.

#	Source Name	Mode	T	TrkMat	Parent
1	Photo 7-11-14 11 09 24 am.jpg	Normal			None
2	Photo 7-11-14 11 09 24 am.jpg	Normal		None	None
3	Photo 7-11-14 11 09 30 am.jpg	Normal		None	None
4	Photo 7-11-14 11 09 30 am.jpg	Normal		None	None
5	Photo 7-11-14 11 09 37 am.jpg	Normal		None	None
6	Photo 7-11-14 11 09 37 am.jpg	Normal		None	None
7	Photo 7-11-14 11 09 44 am.jpg	Normal		None	None
8	Photo 7-11-14 11 09 44 am.jpg	Normal		None	None
9	Photo 7-11-14 11 09 50 am.jpg	Normal		None	None
10	Photo 7-11-14 11 09 50 am.jpg	Normal		None	None

Move the timeline to 10 frames  
And select all layers press Ctrl + shift + D

# Time flow motion

## Step 3: Align all the layers

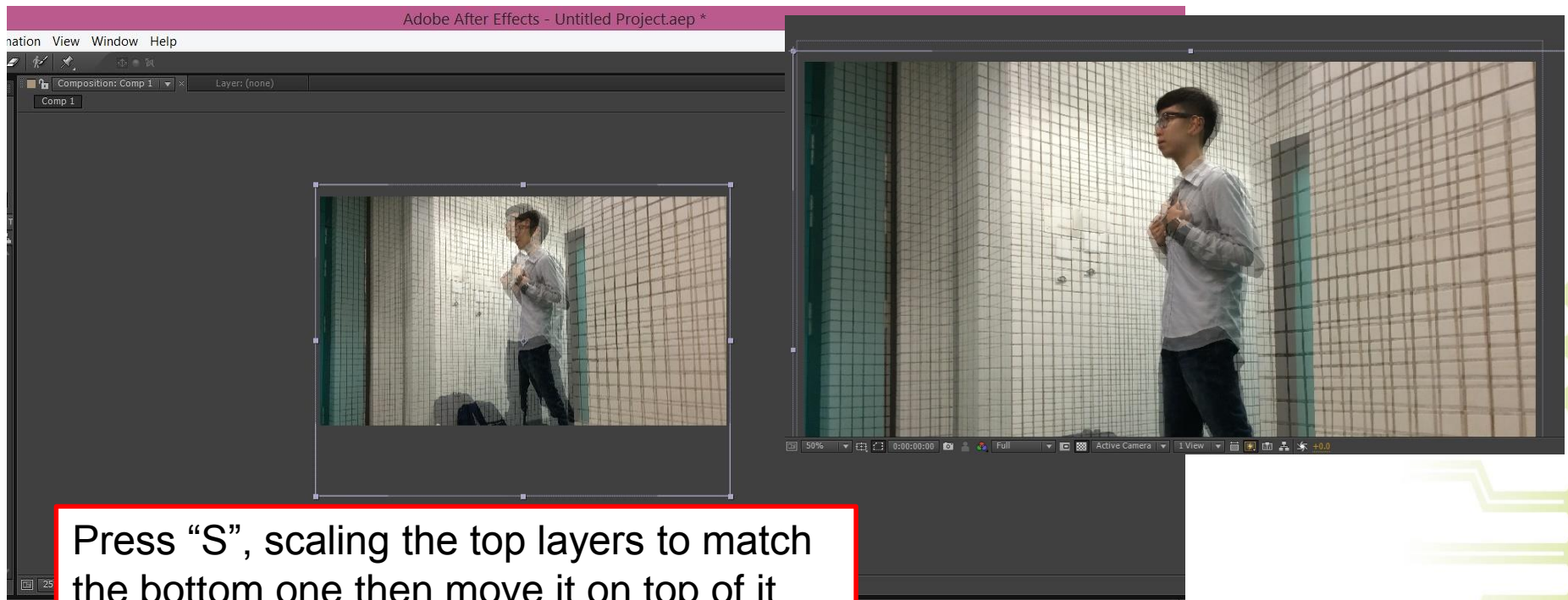


Select the second last layer and press "T" and lower the value to 50

# Time flow motion

## Step 3: Align all the layers

Adobe After Effects - Untitled Project.aep \*



Press "S", scaling the top layers to match the bottom one then move it on top of it

Layer 4: Photo 7-11-14 11 09 44 am.jpg, Normal, None, 101.0, 101.0%

Layer 5: Photo 7-11-14 11 09 50 am.jpg, Normal, None, None



# Time flow motion

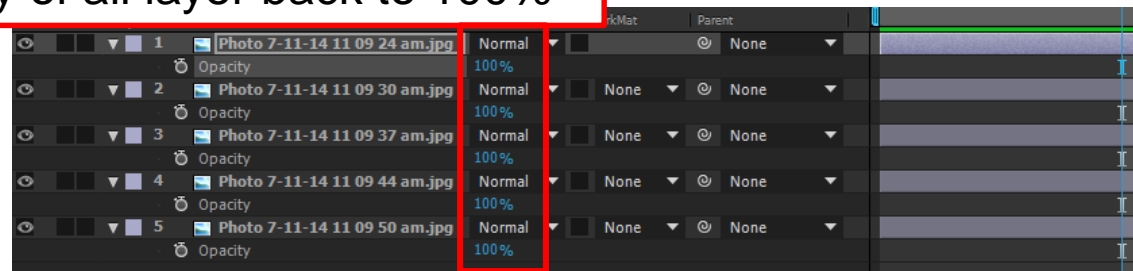
## Step 3: Align all the layers

Do it for all other layers to match the all images

Tips: Align the head



Then change the opacity of all layer back to 100%

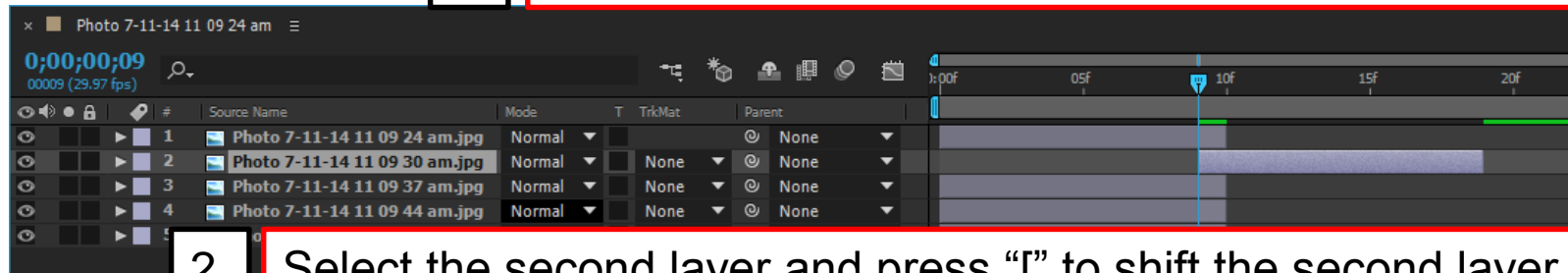




# Time flow motion

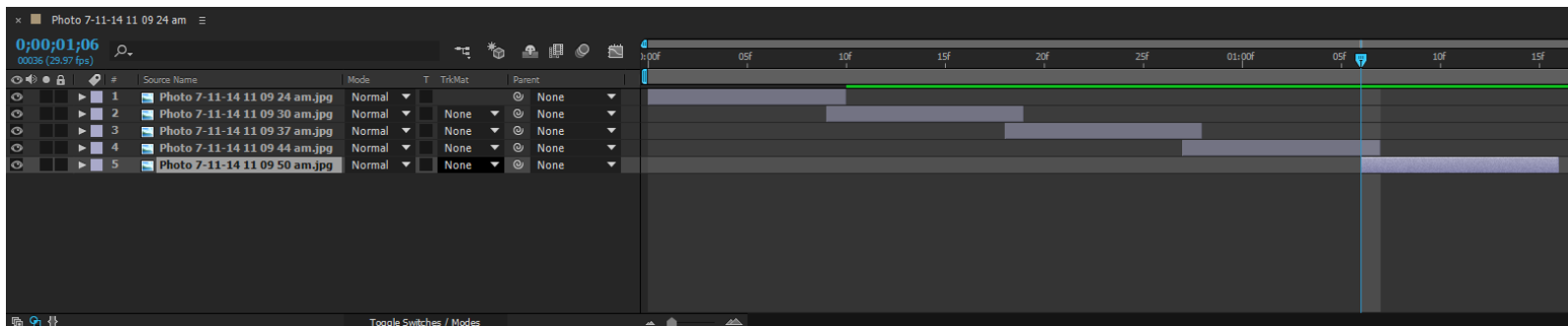
## Step 4: Adjust timeline

1. Select the first layer and press “o” to move cursor to the end



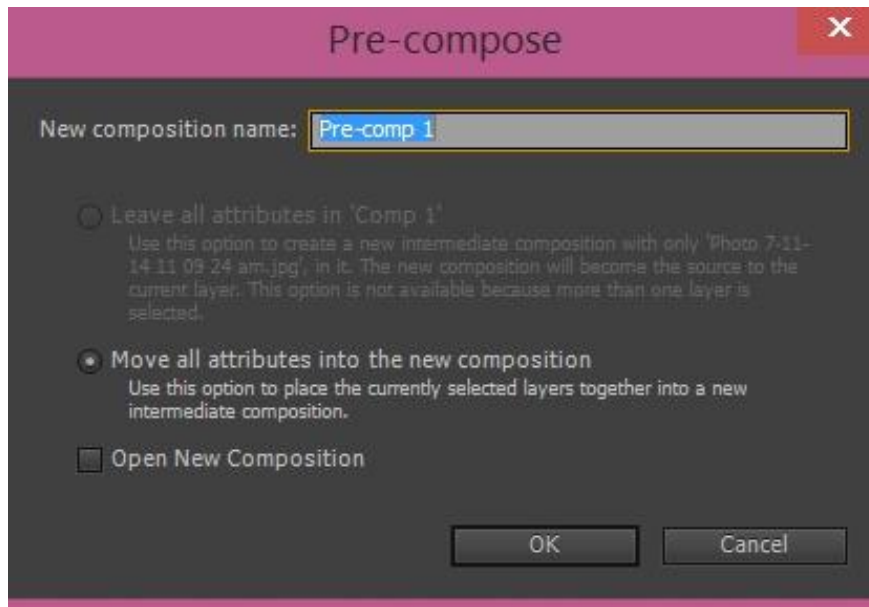
2. Select the second layer and press “[” to shift the second layer

3. Apply the same process to all the layers



# Time flow motion

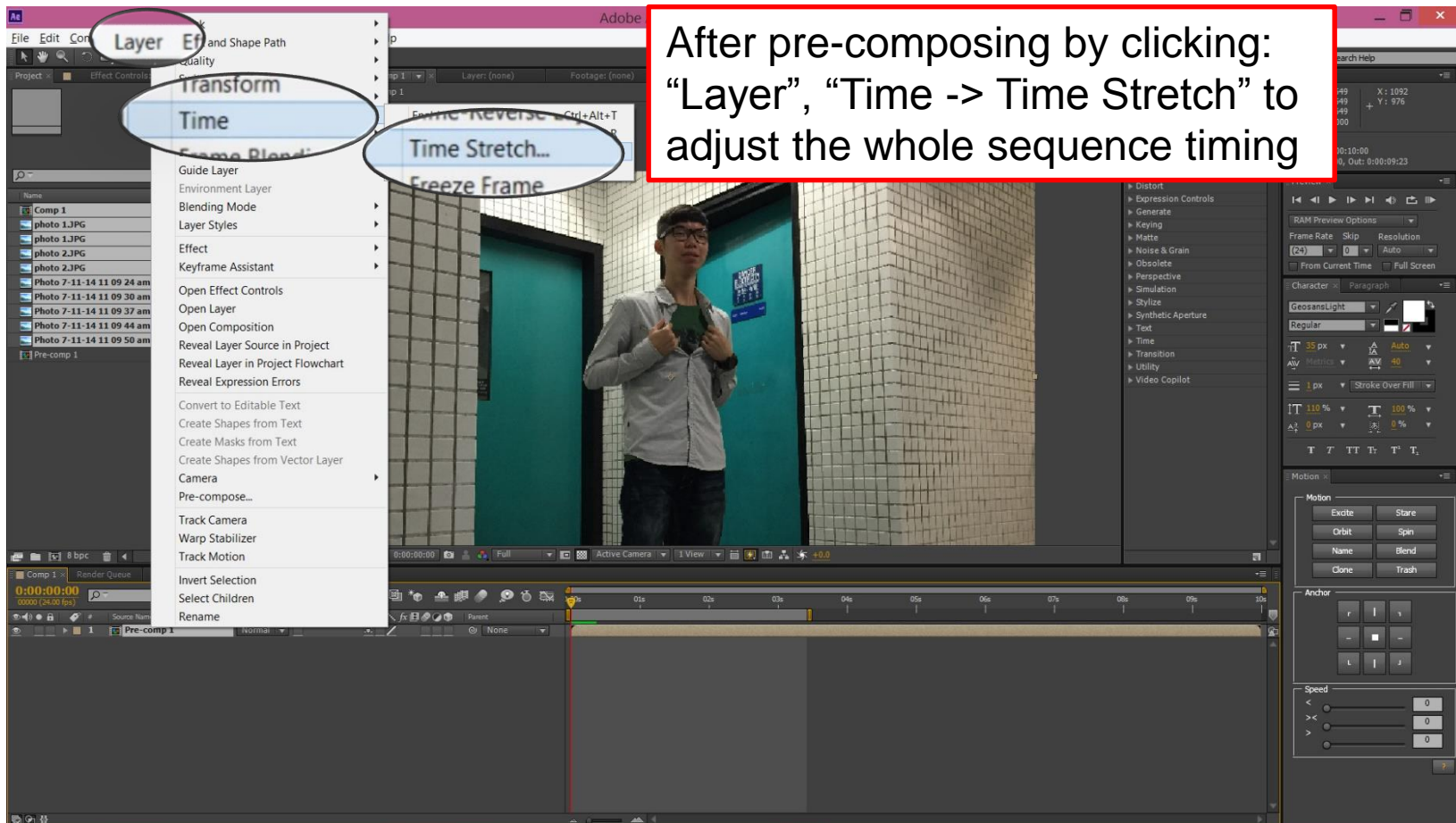
## Step 5: Group the layers with Pre-compose



Press “Ctrl + Shift + C” after selecting all layers to pre-compose the layers

# Time flow motion

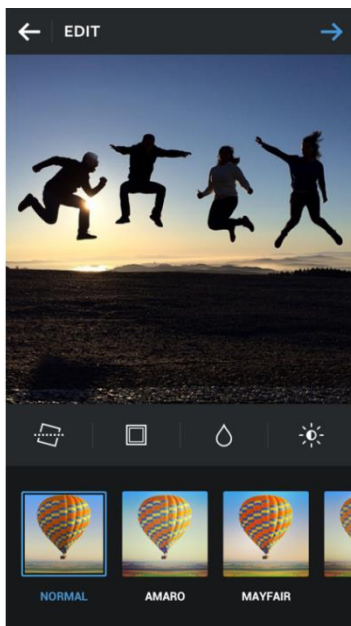
## Step 5: Group the layers with Pre-compose



# Lab Contents

1. Time flow motion
2. Changing Color Tone
3. Export to Premiere

# Changing Color Tone



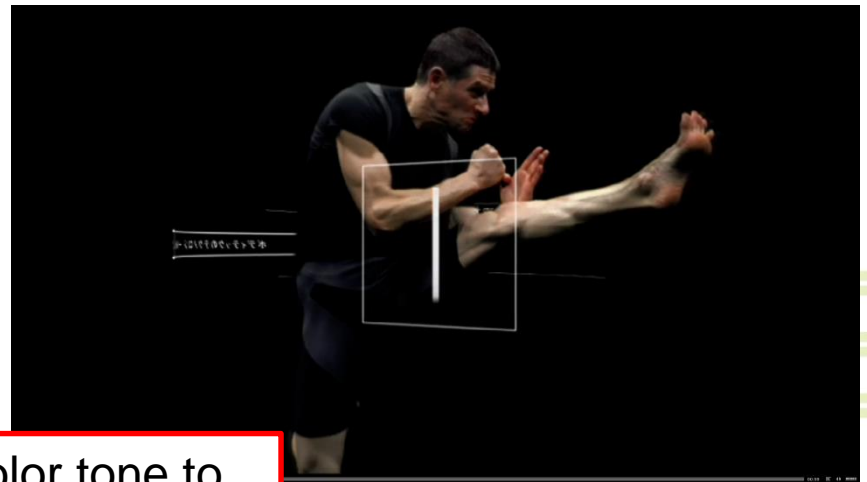
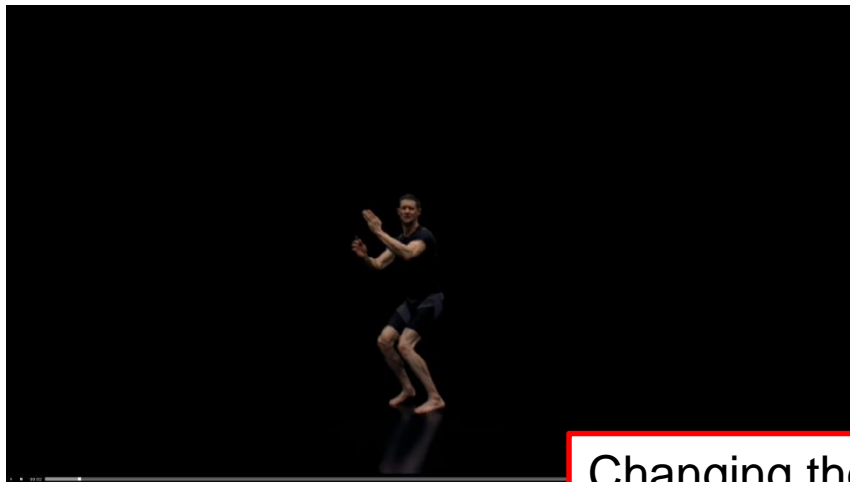
Applying different filter can change the mood of the image or video

We are only demonstrating one setting but the theory behind this effect is very similar





# Changing Color Tone

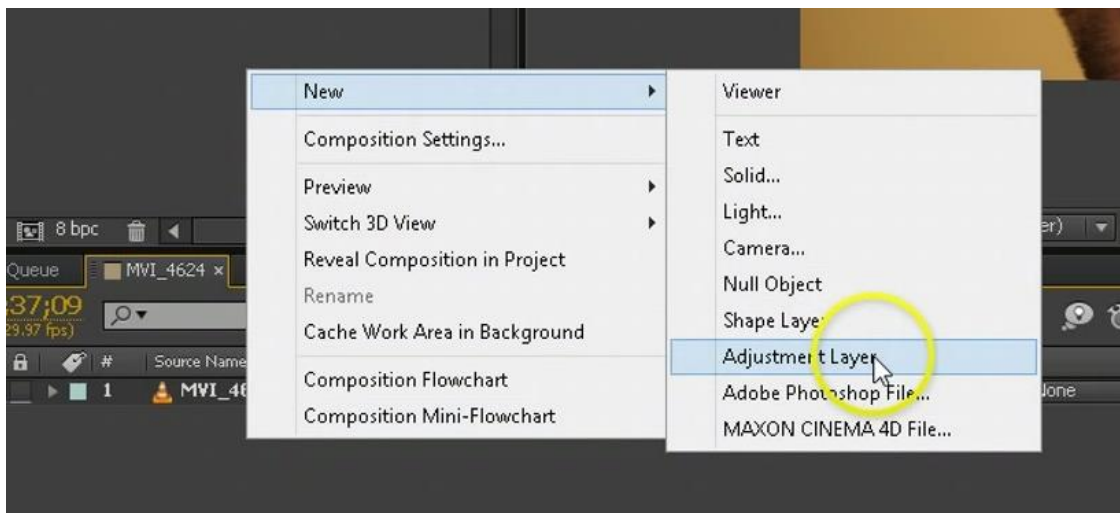


Changing the color tone to  
connect between normal  
footage with time flow effect

<http://www.digitalair.com/uniqlo.html>

# Changing Color Tone

## Step 1: Creating Adjustment Layer

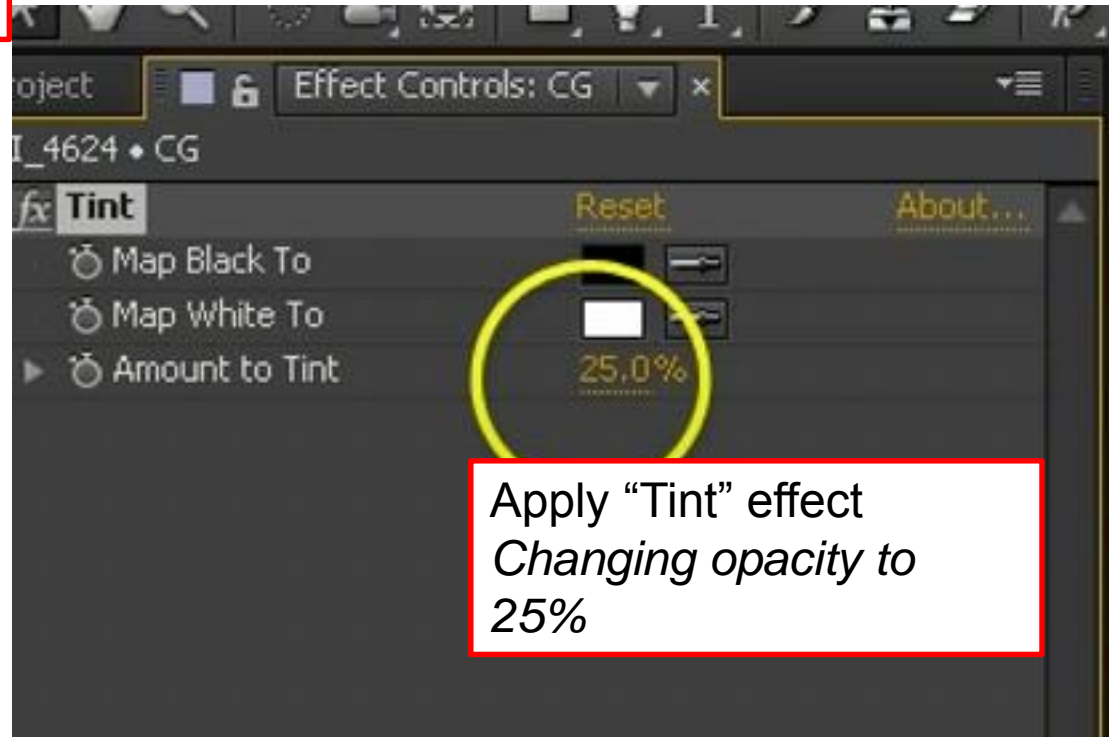
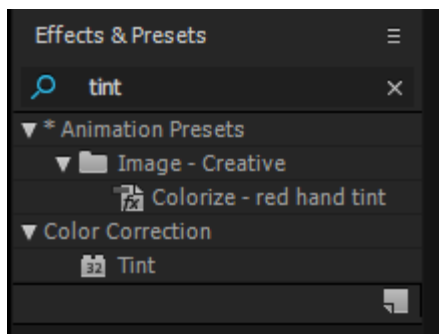


Create "Adjustment Layer"

# Changing Color Tone

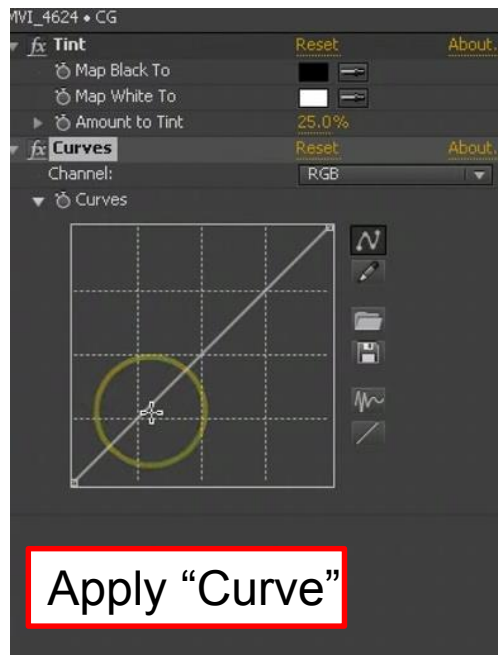
## Step 2: Applying Tint

In Effects & Presets,  
search “tint”

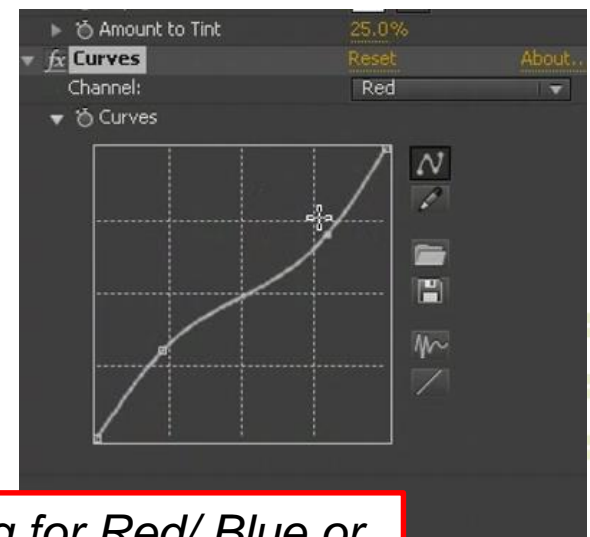
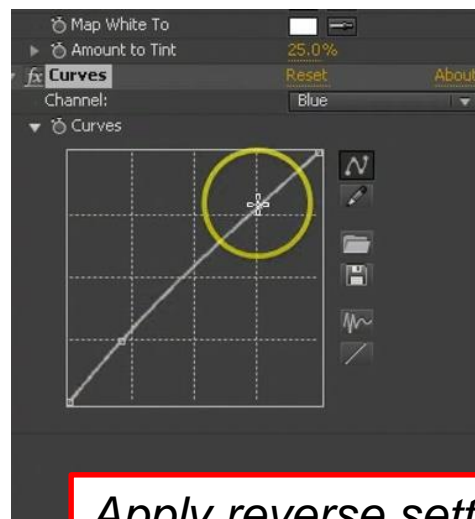


# Changing Color Tone

## Step 3: Applying Curve



Increase the contrast



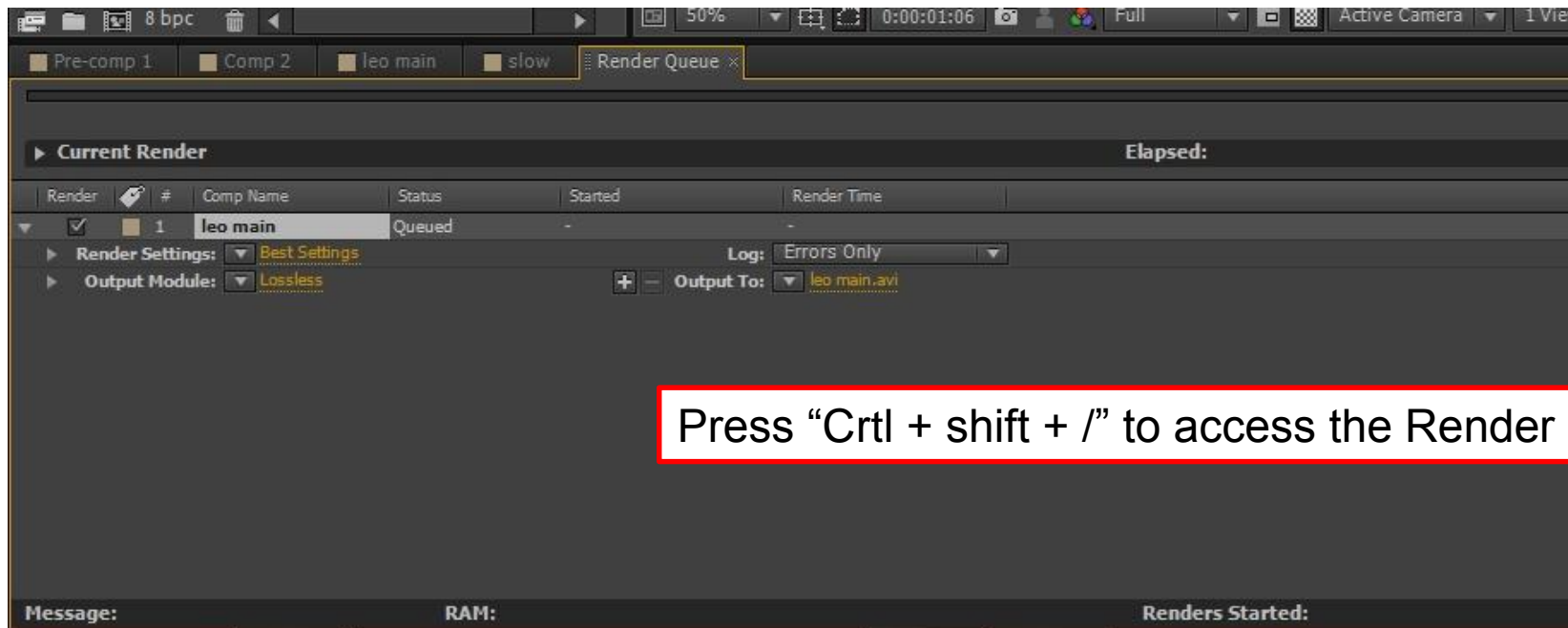
# Lab Contents

1. Time flow motion
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# Export to Premiere

## Step 1: Rendering the Video



Press "Ctrl + shift + /" to access the Render Queue

# Export to Premiere

## Step 1: Rendering the Video

Adobe After Effects - Flec 1020.aep \*

Output Module Settings

Main Options

Format: AVI

Post-Render Action: ☒ Include Project Link

☒ Video Output

Channels: 1

Depth: 32

Rendering at: 1920 x 1080 (1.00)

Resize to: 1920 x 1080

Resize %: 100%

☐ Crop

Use Region: ☐ Top: 0

☐ Audio Output

Quality: High

Format Options...

OK Cancel

Select format as "H.264"

Click on "Output Module"

Then click Render

Current Render

Elapsed: 0:00:01.06

Est. Remain: 0:00:01.06

Render Queue

Render #1: leo main

Render Settings: Best Settings

Output Module: Lossless

Output To: No main.avi

Log: Errors Only

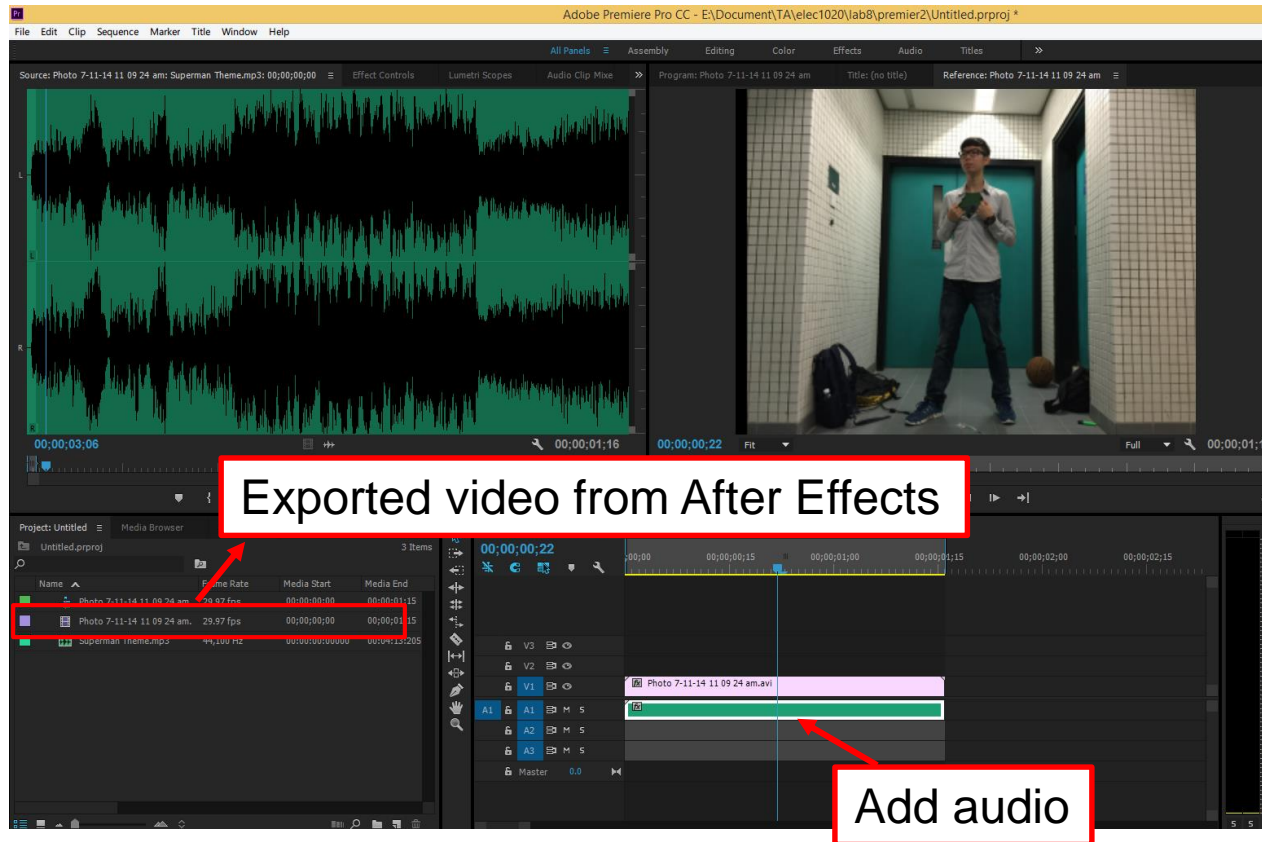
Renderers Started: 1

Total Time Elapsed: 0:00:01.06

Most Recent Error:

# Export to Premiere

## Step 2: Import into Premier (e.g., add audio)



# Basic Tasks (30 min)

Create a video with Time flow motion with color tone changed

1. Using the images provided, apply time flow motion and change to some colour tone different from this PPT
2. Export it to Premiere and add audio
3. Post a YouTube link to Course Facebook with your student IDs
  - YouTube ID: [elec1020.2016spring@gmail.com](mailto:elec1020.2016spring@gmail.com)
  - PW: elec1020issofun

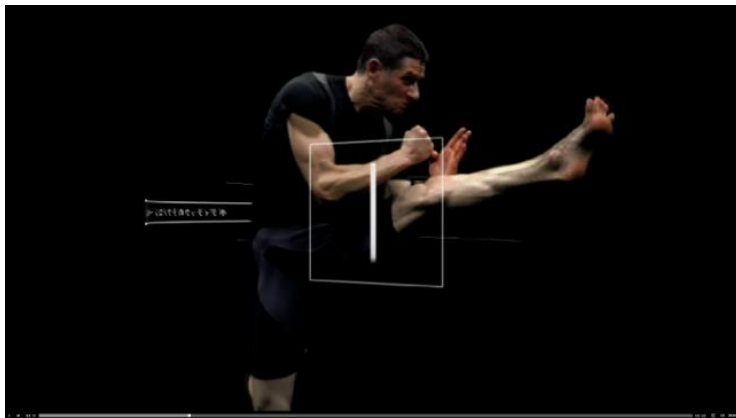
# Creative Tasks (6 ppl a group)

1. Creating a Zach King style 30s video in a group of 6
  - Come up with a simple story/idea with Funny/Cool Actions in the Air for Your Story
  - Shoot footage and take a series of images
  - Include the effect of Time flow motion and changed colour tone
2. Examples of Time Flow Motion:
  - <http://www.youtube.com/watch?v=cEEYhFwtGY8>
  - <http://www.youtube.com/watch?v=Wq7dTKjHCxs>
  - Remember to add “action on the air” in your video
3. Submit your exported video to Course Facebook by it to YouTube with your student IDs  
YouTube ID: [elec1020.2016spring@gmail.com](mailto:elec1020.2016spring@gmail.com)  
PW: elec1020issofun  
Deadline: 17 April NOON (session 1), 18 April NOON (sessions 2 and 3) 28



# Creative Tasks (6 ppl a group)

Examples of action on the air:



## Appendix - Cropping the video

when the photos you are using is smaller than the video frame you are using

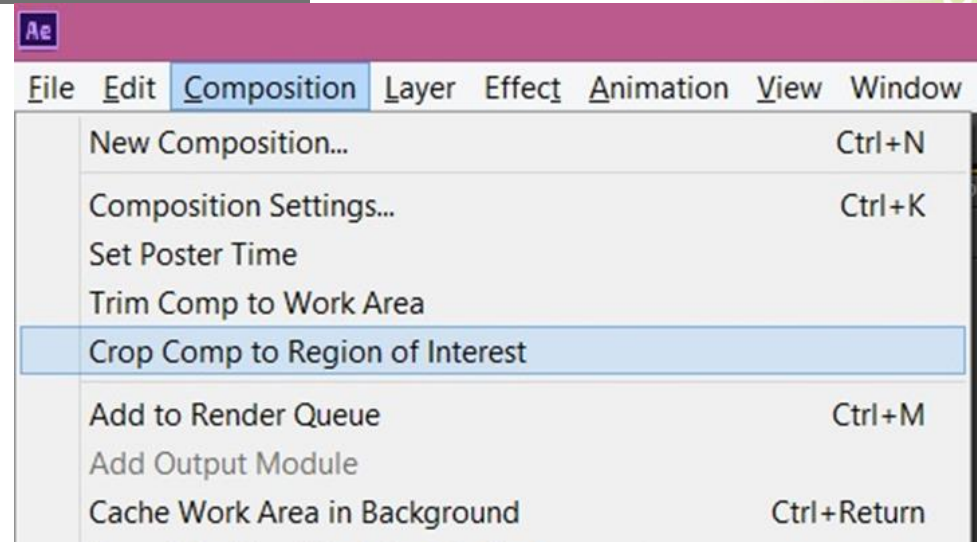


## Appendix - Cropping the video

Step a. use region of interest to select the area you want



Step b: go to “Composition -> Crop Comp to Region Of interest”



## Appendix – Reference Video

[https://www.youtube.com/watch?v=GwR2Wnczsn8&list=PL1kqNi3vPK4Zy6\\_WKJkz6td37x9QQTpuj&index=3](https://www.youtube.com/watch?v=GwR2Wnczsn8&list=PL1kqNi3vPK4Zy6_WKJkz6td37x9QQTpuj&index=3)

<https://www.youtube.com/watch?v=hqTc-AwTcJE>