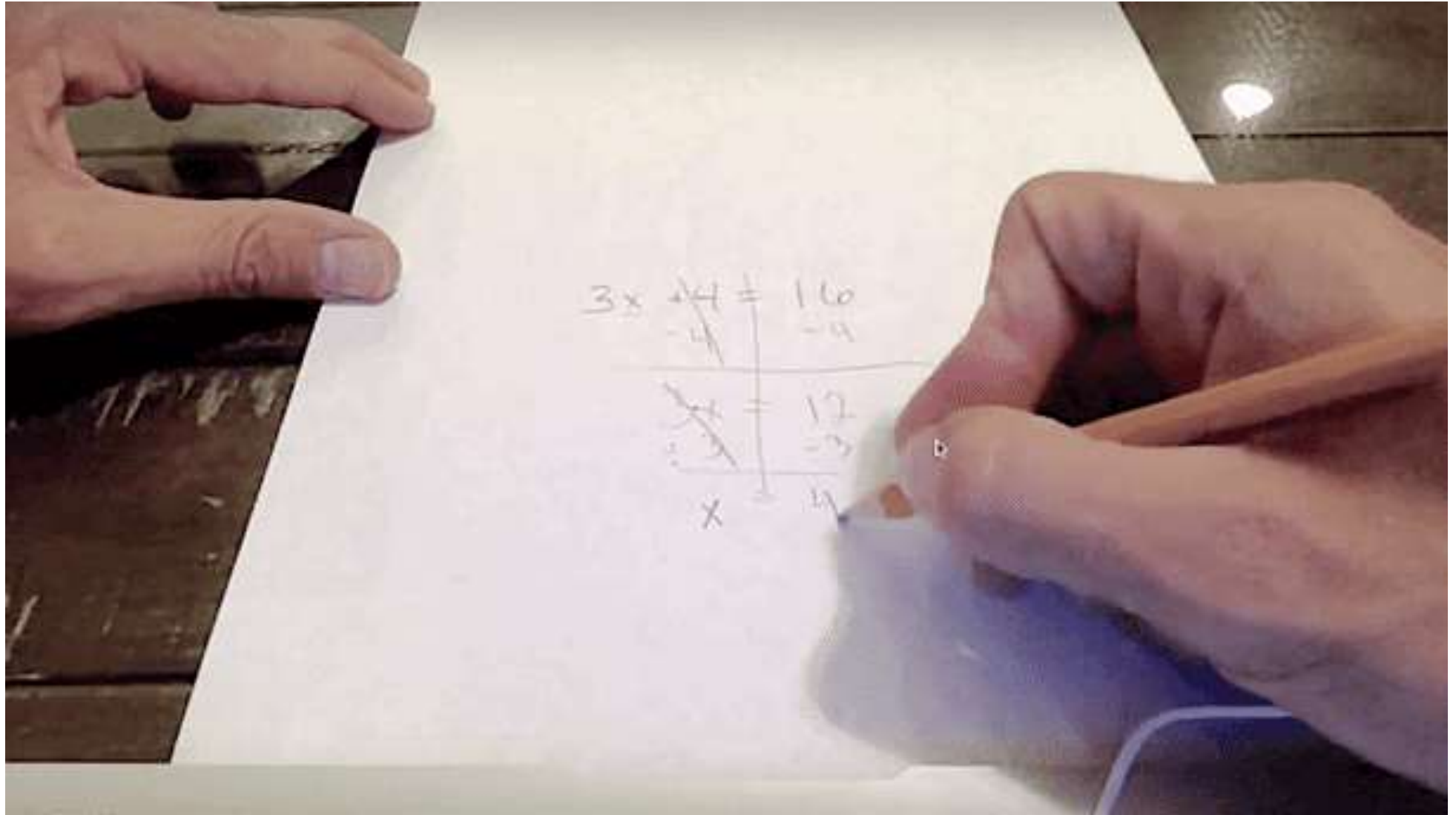


**Creating Glass Screen Video
using
PowerPoint**

J.Senthil selvan
Graduate Teacher, Maths
Ghss Mangudi
Sivagangai District
Tamilnadu

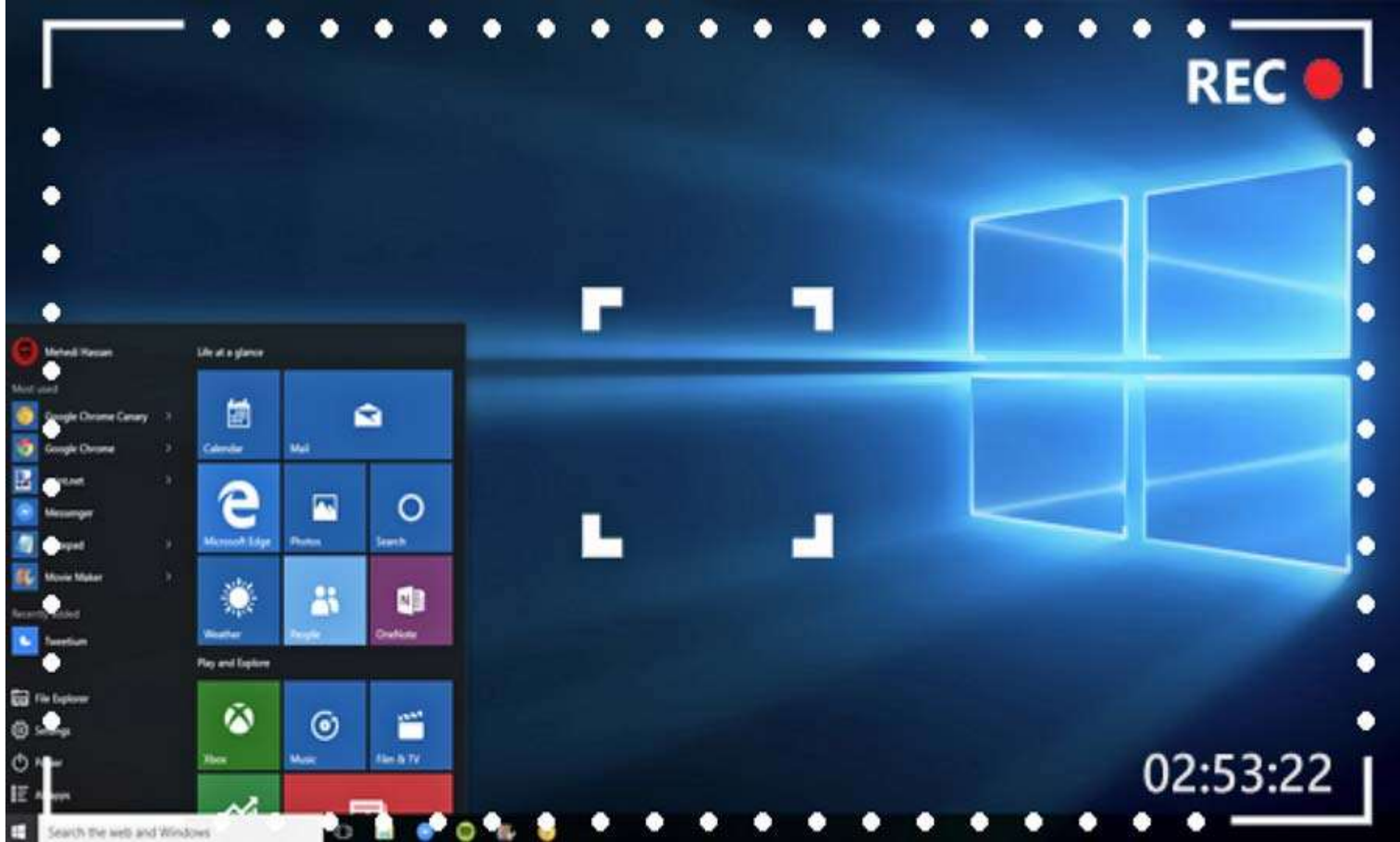
Recording Handwriting



Using Pen tablet



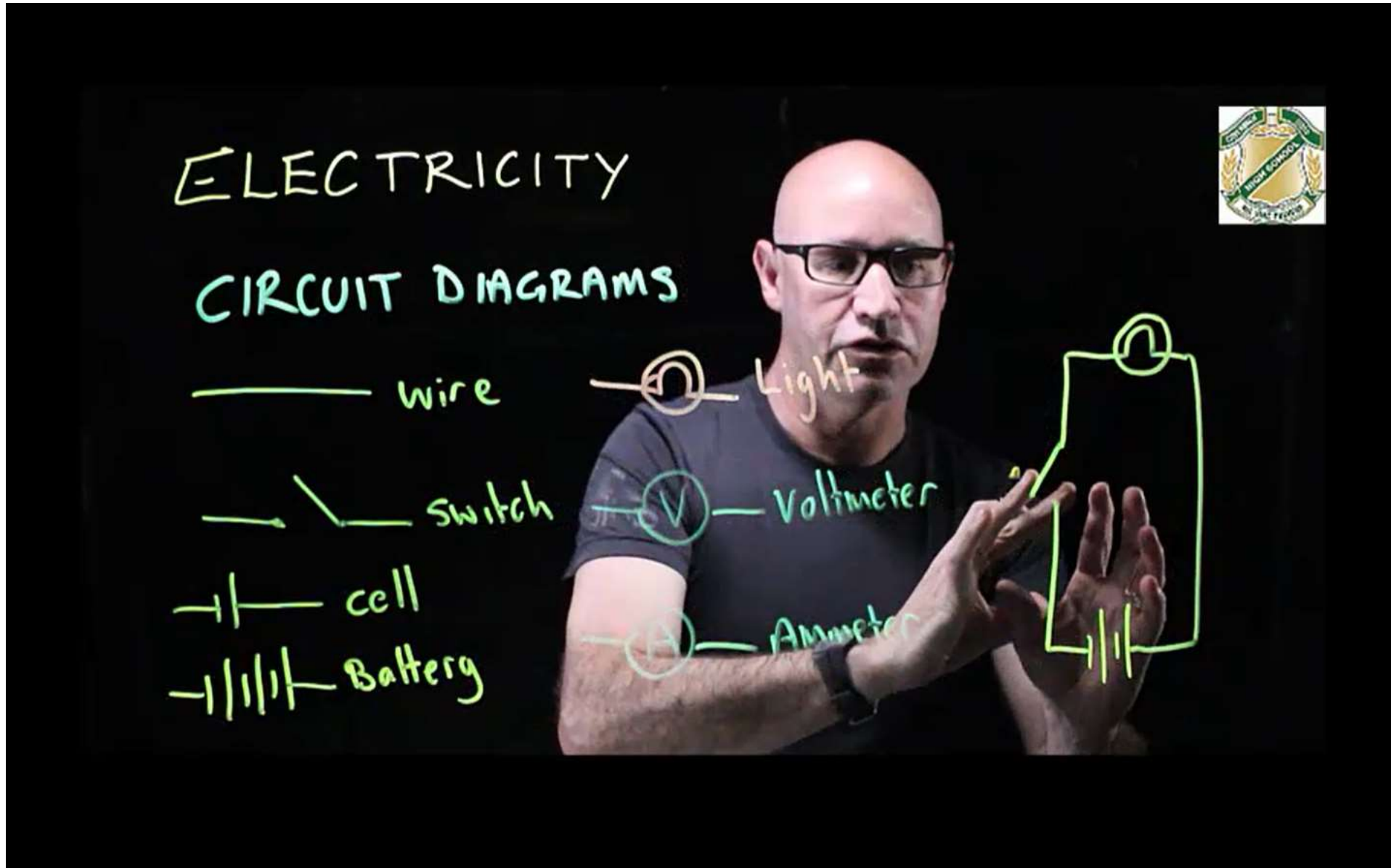
Screen capturing



Animated videos




Lightboard Video

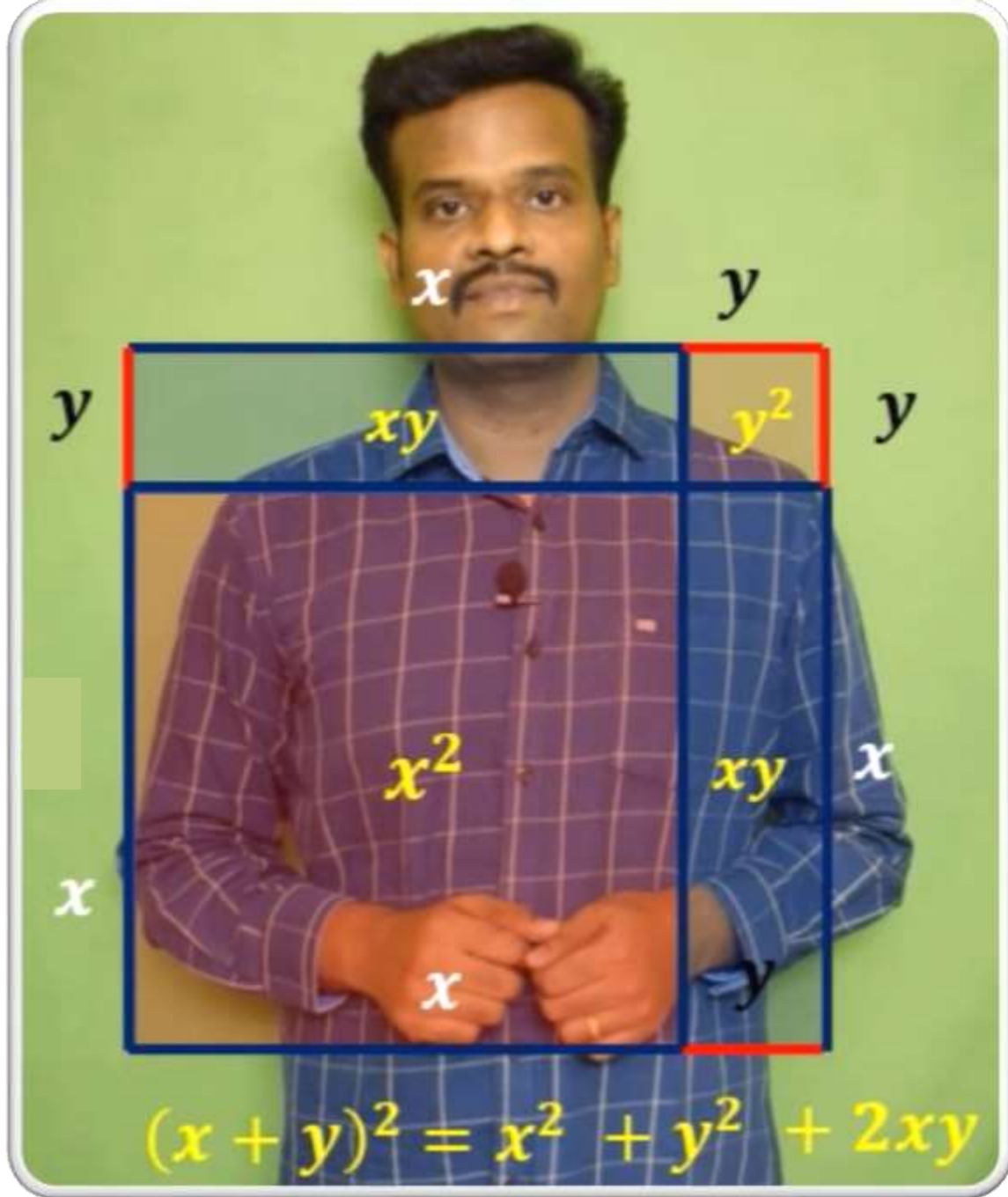


ELECTRICITY
CIRCUIT DIAGRAMS

- wire
- switch
- cell
- Battery
- ⊙ Light
- ⊕ Voltmeter
- ⊕ Ammeter

The diagram shows a rectangular circuit loop. At the bottom is a battery symbol. On the right side is a light bulb symbol. On the left side, there is a switch symbol and a voltmeter symbol (a circle with a 'V' inside) connected in parallel across the wire. An ammeter symbol (a circle with an 'A' inside) is connected in series on the bottom wire. The man is pointing to these components with his hands.





Glass Screen Video

Glass Screen Video

Advantages:

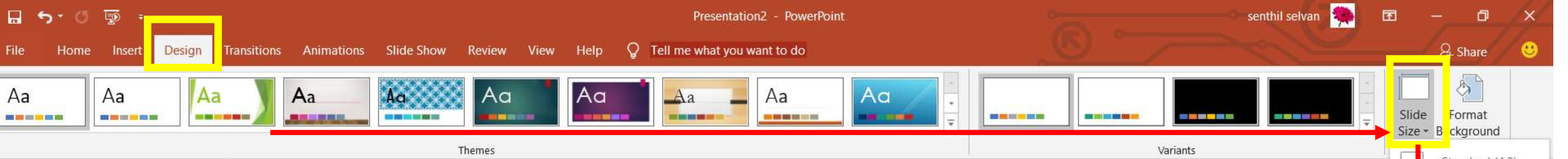
- *Helps visual and auditory learners.**
- *Students will enjoy like a magic show.**
- *Sustain students interest.**
- *Students feel the teachers presence with animations.**
- *Very useful in flipped classroom.**

Disadvantages:

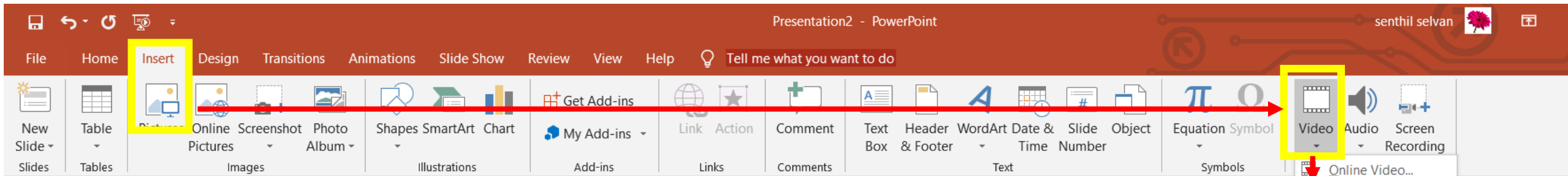
- *Time consuming.**

**SOFTWARE
REQUIREMENT**

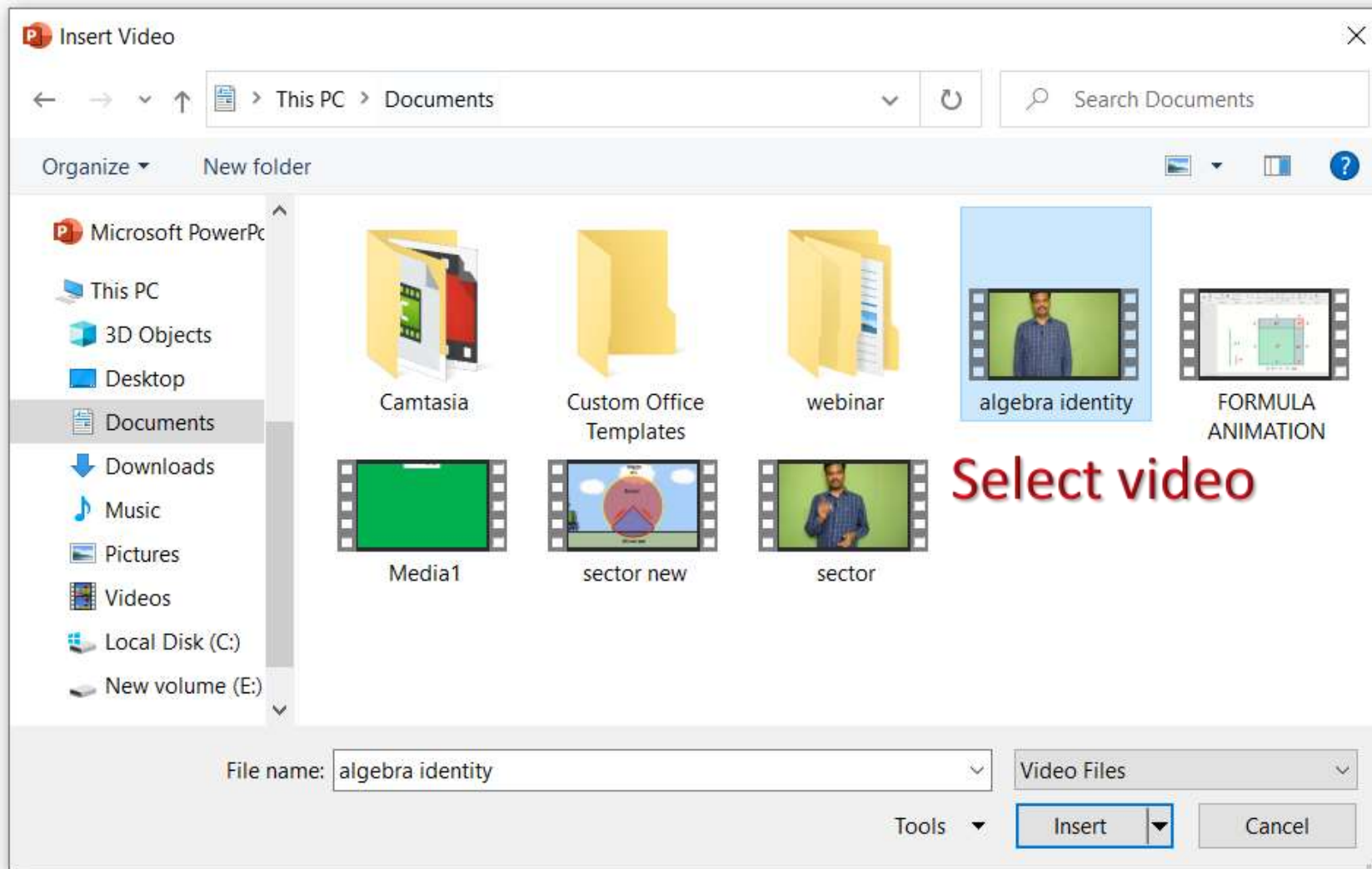
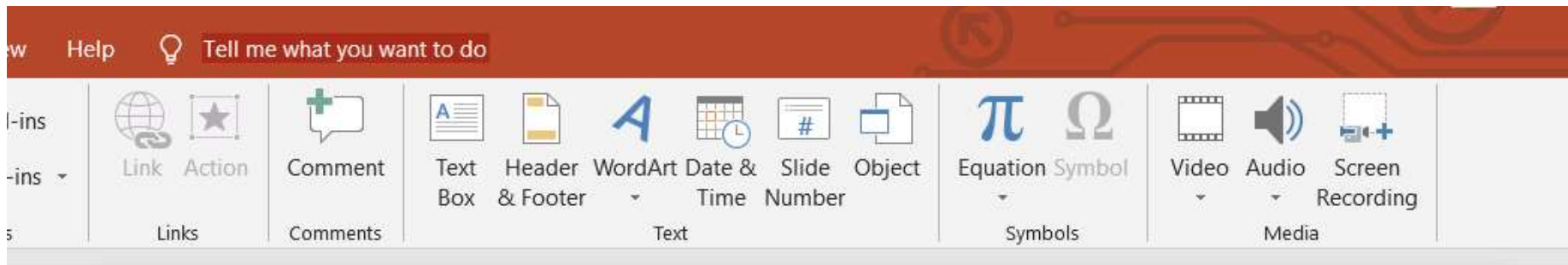
MS-Powerpoint 2013 or above



Design → Slide size → Widescreen 16:9



Insert → video → Video on my pc



Animations Slide Show Review View Help Format Playback Tell me what you want to do

Start: In Click Sequence

Volume

Automatically

When Clicked On

Loop until Stopped

Rewind after

Caption Options

Playback → automatically



Slide Show

Set Up Hide Rehearse Record Slide Show - Set Up

Play Narrations
 Use Timings
 Show Media Controls

Monitor: Automatic

Use Presenter View

Monitors



Slide show → Untick Show Media controls

Presentation2 - PowerPoint

Video Tools

Transitions Animations Slide Show Review View Help Format Playback Tell me what you want to do


Set Up Slide Show Hide Slide Rehearse Timings Record Slide Show Set Up

Play Narrations Use Timings Show Media Controls

Monitor: Automatic

Use Presenter View

Monitors



Click Play button and stop at the point where animation should come.

00:09.27

The image shows a Microsoft PowerPoint window in 'Slide Show' mode. The main area displays a video of a man with a mustache, wearing a blue checkered shirt, gesturing with his right hand against a green background. The video player at the bottom has a yellow box around the play button, with a red arrow pointing to it. The video progress bar shows 00:09.27. The ribbon at the top includes 'Slide Show' and 'Video Tools' tabs. The 'Slide Show' tab has options like 'Set Up Slide Show', 'Hide Slide', 'Rehearse Timings', and 'Record Slide Show'. The 'Video Tools' tab has options like 'Play Narrations', 'Use Timings', 'Show Media Controls', 'Monitor', and 'Use Presenter View'.

Play Add Bookmark Remove Bookmark Trim Video Fade Duration Fade In: 00.00 Fade Out: 00.00 Start: In Click Sequence Volume Play Full Screen Hide While Not Playing Loop until Stopped Rewind after Playing Insert Captions

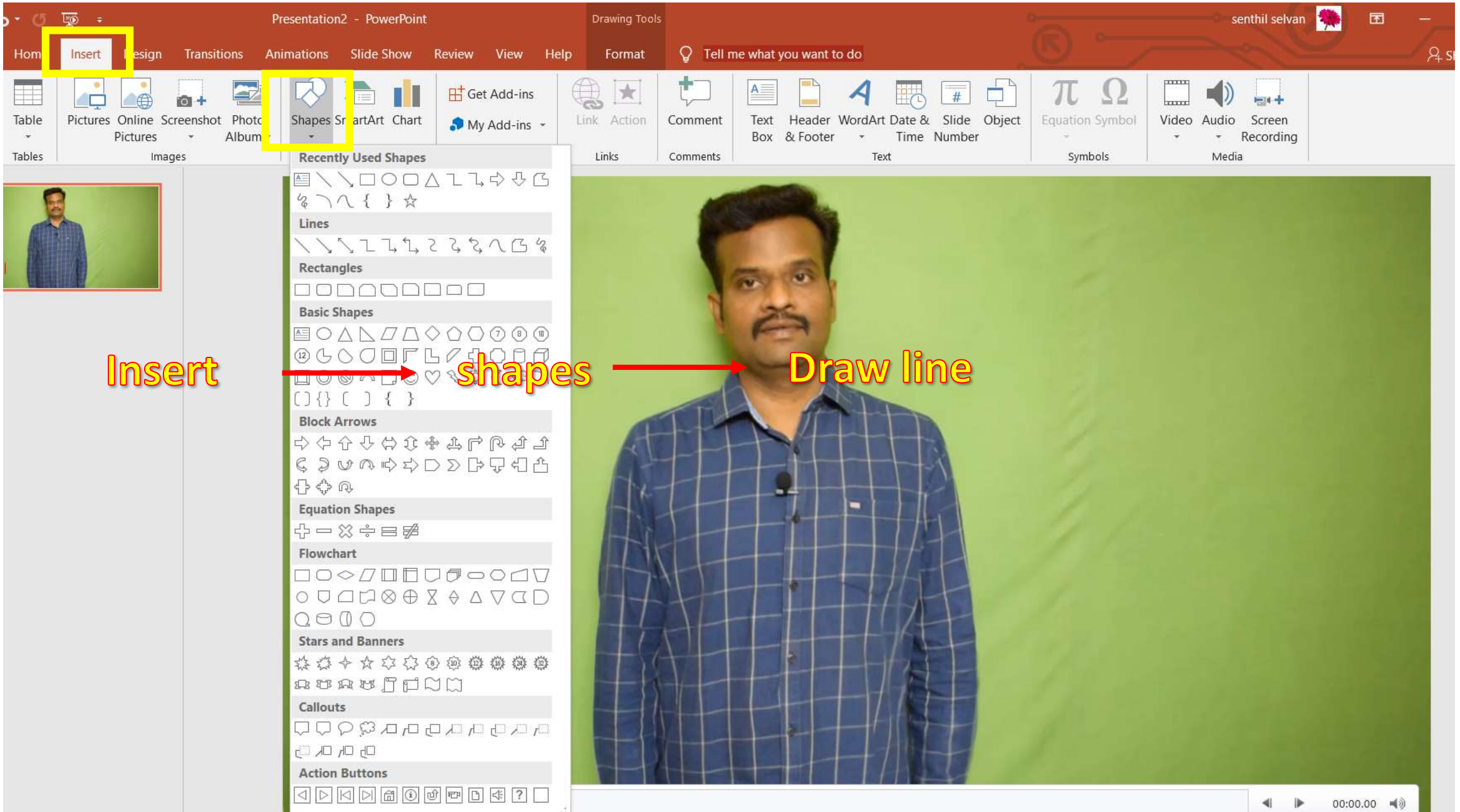


Playback

Add Bookmark

dot appears

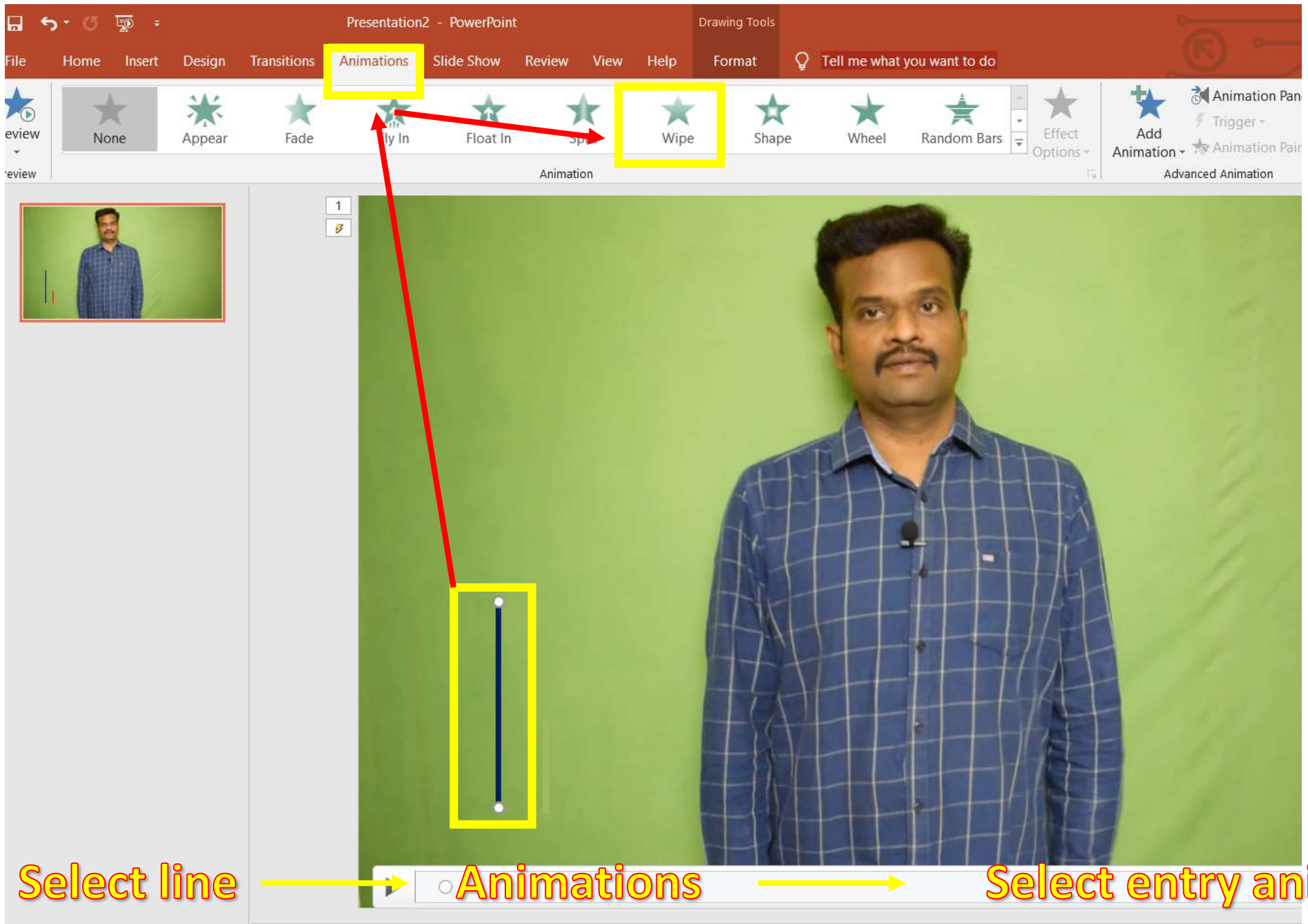
Bookmark1



Insert

shapes

Draw line



Select line

Animations

Select entry animation

Presentation2 - PowerPoint

Design Transitions Animations Slide Show Review View Help Format Tell me what you want to do

Appear Fade Fly In Float In Split Wipe Shape Wheel Random Bars Effect Options Add Animation On Click of On Bookmark

2

3

4

5

1

algebra shoot

Bookmark 1

Play From

0 algebra shoot

1 Straight Con...

Trigger: algebra shoot

algebra shoot

Seconds 0 2

Connect animation with correct bookmark number

The image shows the Microsoft PowerPoint interface with the Animations tab selected. A video of a man in a blue checkered shirt is on the slide. The Animation Pane on the right shows a list of animations. The first animation, 'Straight Con...', is highlighted in yellow and has a red arrow pointing to it from the 'Wipe' animation in the ribbon. The ribbon has 'Animations' highlighted in yellow, with a red arrow pointing to it from the 'Wipe' animation. The 'Add Animation' dropdown is open, showing 'On Click of' and 'On Bookmark' options, with a red arrow pointing to 'On Bookmark' from the 'Wipe' animation. The 'On Bookmark' option is also highlighted in yellow, with a red arrow pointing to it from the 'Wipe' animation. The 'Bookmark 1' option is highlighted in yellow, with a red arrow pointing to it from the 'On Bookmark' option. The 'Straight Con...' animation in the Animation Pane is highlighted in yellow, with a red arrow pointing to it from the 'Wipe' animation. The 'Trigger: algebra shoot' is also highlighted in yellow, with a red arrow pointing to it from the 'Wipe' animation. The 'algebra shoot' bookmark is highlighted in yellow, with a red arrow pointing to it from the 'Wipe' animation. The 'Play From' button is highlighted in yellow, with a red arrow pointing to it from the 'Wipe' animation. The '0 algebra shoot' is highlighted in yellow, with a red arrow pointing to it from the 'Wipe' animation. The '1 Straight Con...' is highlighted in yellow, with a red arrow pointing to it from the 'Wipe' animation. The 'Trigger: algebra shoot' is highlighted in yellow, with a red arrow pointing to it from the 'Wipe' animation. The 'algebra shoot' is highlighted in yellow, with a red arrow pointing to it from the 'Wipe' animation. The 'Seconds 0 2' is highlighted in yellow, with a red arrow pointing to it from the 'Wipe' animation.

Layout
Reset
Section
des

Font
B I U S abc AV Aa A

Paragraph
Text Direction
Align Text
Convert to SmartArt

Drawing
Shape Fill
Shape Outline
Shape Effects
Arrange
Quick Styles

Editing
Find
Replace
Select

$x + y$

x y

xy y^2

x^2 xy

x y

Create as many bookmarks you want

00:42.88

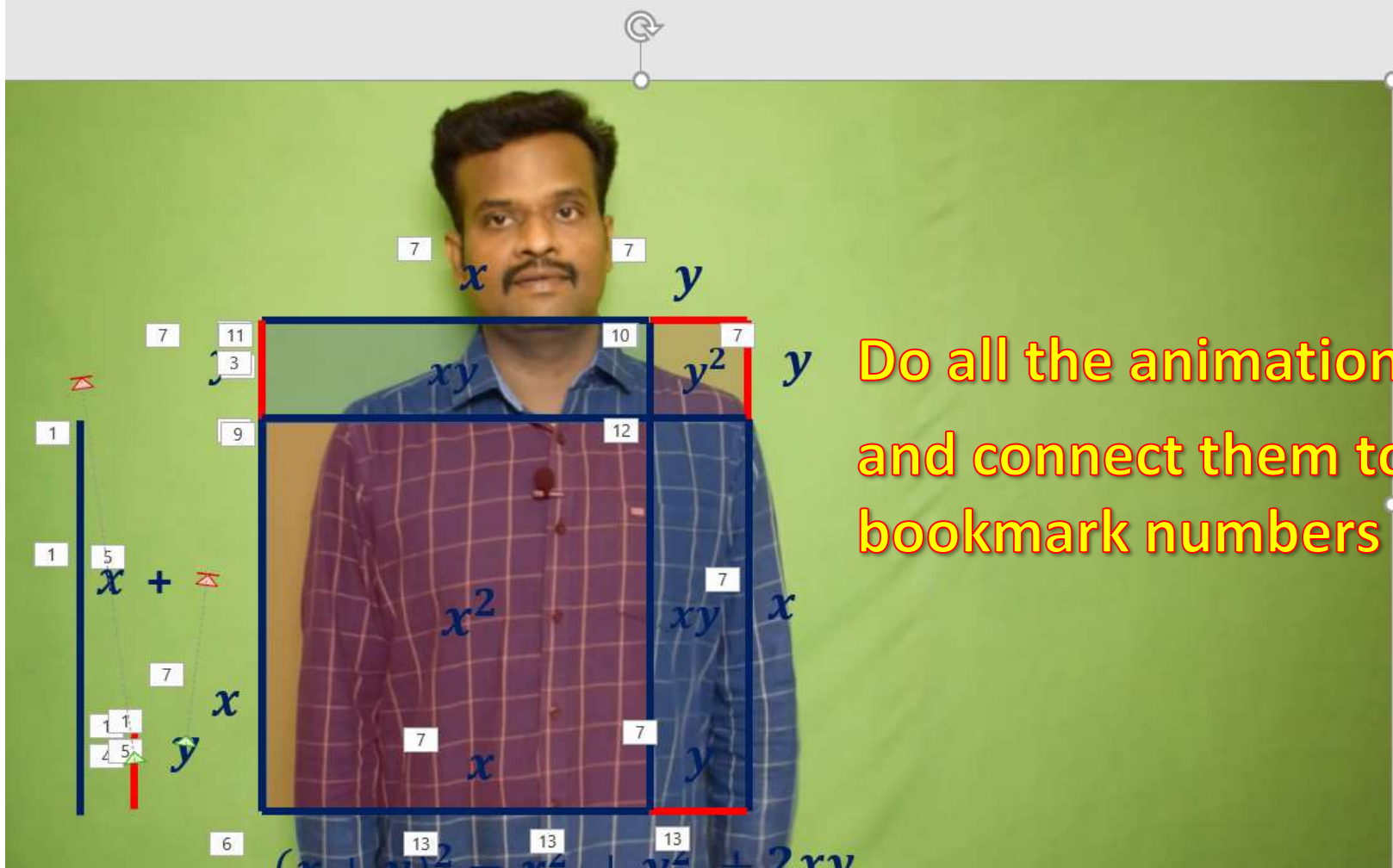
00:00.00

Animation | Advanced Animation | Timing

Start: [Dropdown] | Reorder Animation: Move Earlier, Move Later

Duration: Auto | Delay: 00.00

Effect Options: Add Animation, Animation Painter, Trigger



Do all the animations and connect them to the correct bookmark numbers

Animation Pane

Play Selected

- Group 38
- 4 Straight Con...
- 5 TextBox 51: +
- TextBox 53: y
- 6 TextBox 62: (...)
- 7 TextBox 56: x
- TextBox 57: y
- TextBox 55: x
- TextBox 60: y
- TextBox 58: y
- TextBox 61: x
- TextBox 59: y
- TextBox 54: x
- 8 Straight Con...
- 9 Straight Con...
- 10 Rectangle 35...
- 11 Rectangle 36...
- 12 Rectangle 37...
- 13 Rectangle 34...
- TextBox 63: [...]
- TextBox 64: ...
- TextBox 65: ...
- algebra sheet

Preview

Animation

Animation Pane

Trigger

Add Animation

Animation Painter

Advanced Animation

Effect Options

None Appear Fade Fly In Float In Split Wipe Shape Wheel Random Bars



$(x + y)^2 = x^2 + y^2 + 2xy$

Note the duration of the video

02:20.61

00:00.00

None Fade Push Wipe Split Reveal Cut Random Bars Shape Uncover Cover Flash

Sound: [No Sound] Duration: 01.00 Advance Slide

On Mouse Click After: 02:31.00

Transition → Untick on mouse click → tick After

Enter time greater than video duration.

$(x + y)^2 = x^2 + y^2 + 2xy$

Animation Pane

Play All

Trigger: byju 1
byju 1

Trigger: byju 1 - Bookmark 1
Straight Con...
Straight Con...
TextBox 20: x
TextBox 21: y

Trigger: byju 1 - Bookmark 2
Group 6

Trigger: byju 1 - Bookmark 3
Group 6
Group 6
Group 6
Group 6

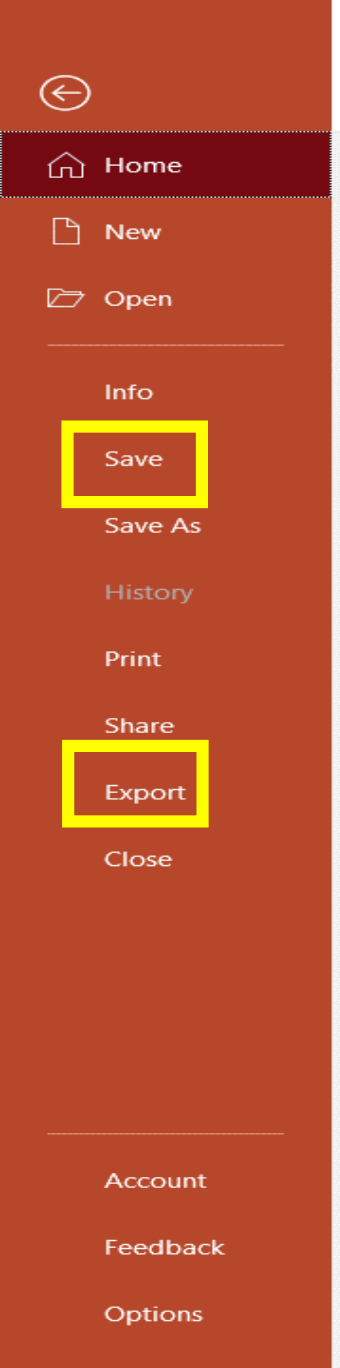
Trigger: byju 1 - Bookmark 4
Straight Con...

Trigger: byju 1 - Bookmark 5
TextBox 19: +
TextBox 21: y

Trigger: byju 1 - Bookmark 6
TextBox 30: (...)

Trigger: byju 1 - Bookmark 7
TextBox 24: x

Seconds 0 2 4 6 8



To save as powerpoint

File - save


To save as mp4

File - Export

Export


How to save as mp4 ?

 Create PDF/XPS Document

 **Create a Video**

 Package Presentation for CD

 Create Handouts

 Change File Type

Create a Video

Save your presentation as a video that you can burn to a disc, upload to the web, or email

- Includes all recorded timings, narrations, ink strokes, and laser pointer gestures
- Preserves animations, transitions, and media

 [Get help burning your slide show video to DVD or uploading it to the web](#)

-  **Full HD (1080p)**
Large file size and full high quality (1920 x 1080)
-  **Ultra HD (4K)**
Largest file size and ultra-high quality (3840 x 2160)
-  **Full HD (1080p)**
Large file size and full high quality (1920 x 1080)
-  **HD (720p)**
Medium file size and moderate quality (1280 x 720)
-  **Standard (480p)**
Smallest file size and lowest quality (852 x 480)

Select resolution



Home

New

Open

Info

Save

Save As

History

Print

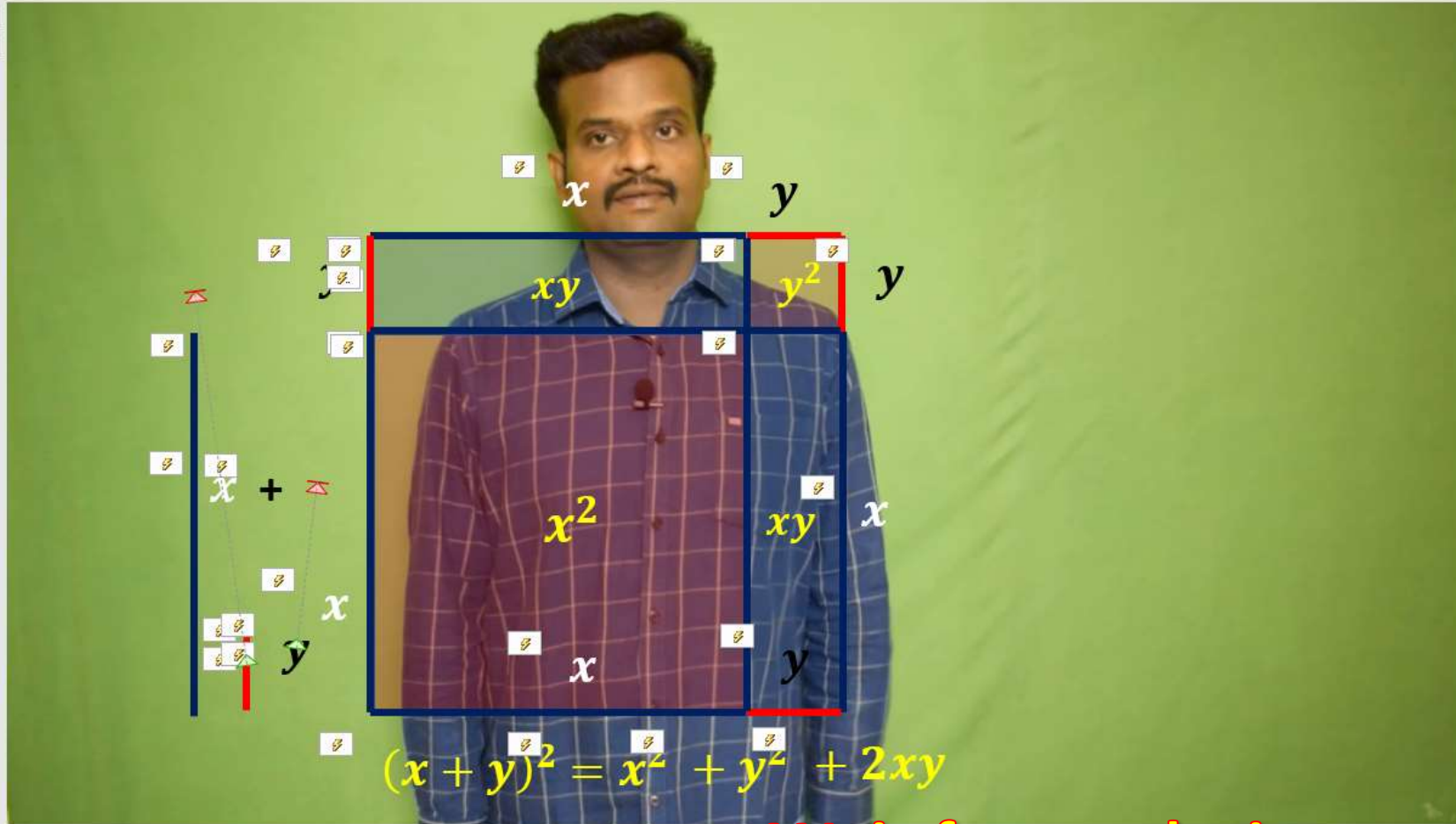
Share

Export

Close

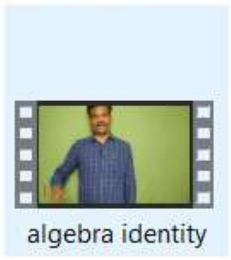


Transition to This Slide



Wait for rendering

- ★ Quick access
 - Desktop
 - Downloads
 - Documents
 - Pictures
 - algebra
 - byju 1
 - byju 2
 - webinar
- This PC
 - 3D Objects
 - Desktop
 - Documents
 - Downloads
 - Music
 - Pictures
 - Videos
 - Local Disk (C:)
 - New volume (E:)
- Network



Your video will be in the destination folder