

EFFECTIVE ASYNCHRONOUS LESSON

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AGENDA

1. Introduction
2. Creating lecture video (PP, Zoom and Screencast-o-matic)
3. Setting up forum/board discussion on PutraBlast
4. Collaborative work with Canva and Google Doc
5. Interactive course presentation with H5P
6. Tips and suggestion

WHAT IS NOT COVERED

1. How to create interactive video with H5P
2. Uploading a video on YouTube
3. eAssessment

What is asynchronous teaching?

- Non-real time
- Low-bandwidth
- Self-paced learning

Why asynchronous teaching?

- Limited access to high speed internet connection
- Laptop/PC might be shared by others in the family
- Caring/helping others



Benefit and challenges

Benefit:

- Flexibility
- Pacing

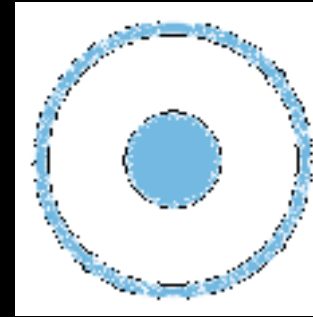
Challenges:

- Isolation (no human-to-human interaction)
- Giving instructions/confusion
- Time consuming

Strategy

- Prepare interactive content
- Curate content – promote collaborations
- Constant communication with students via whatapp/telegram/email
- Time management

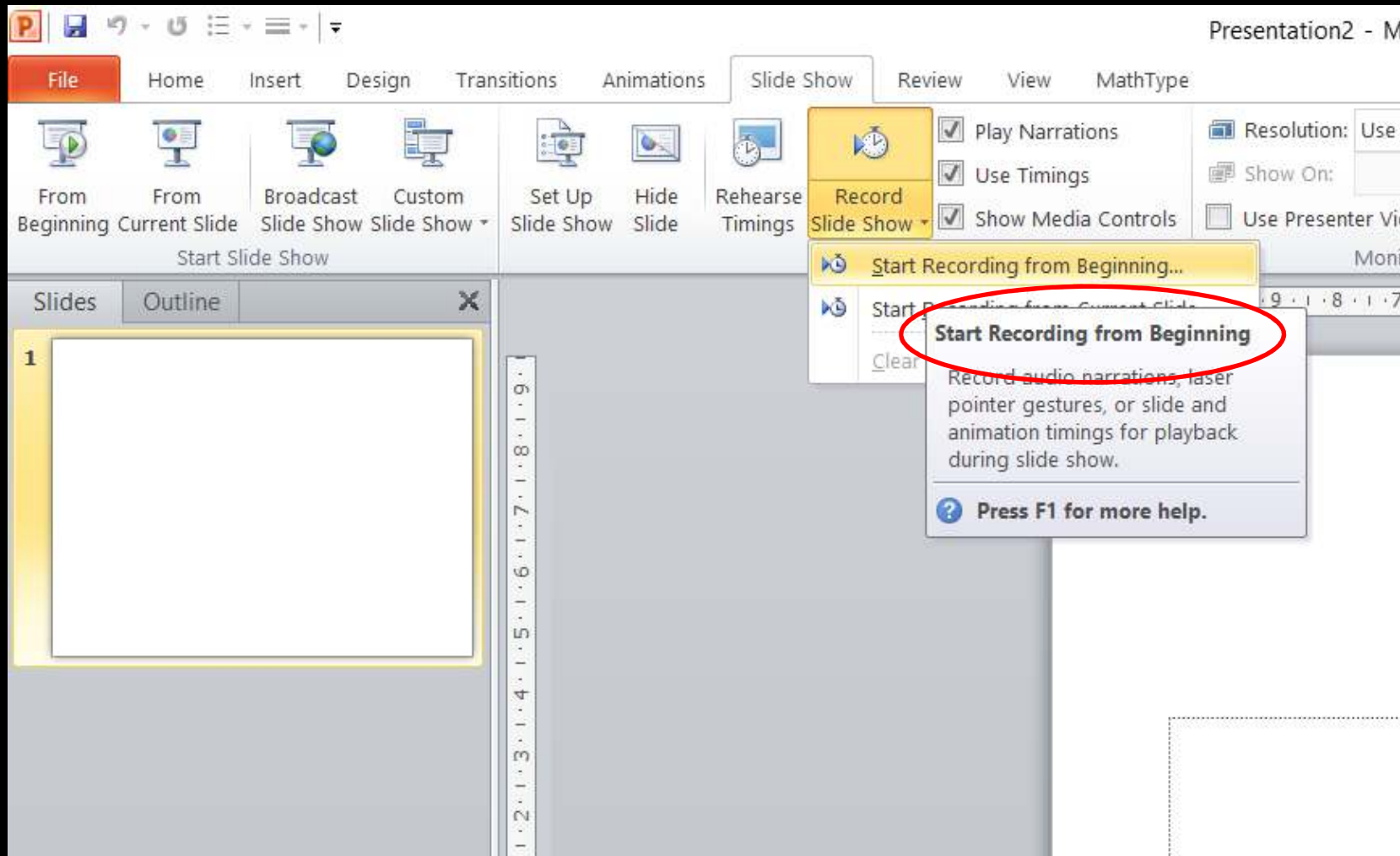
Tools



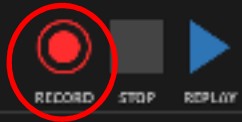
PUTRABLAST
BLENDED LEARNING ASSISTIVE SYSTEM AND TECHNOLOGY



Create a video with PowerPoint



Create a video with PowerPoint



Press record when ready

Pen/eraser tool

Camera on/off

Slide 1 of 1
0:05 / 0:05



Create a video with PowerPoint



Play back the whole video

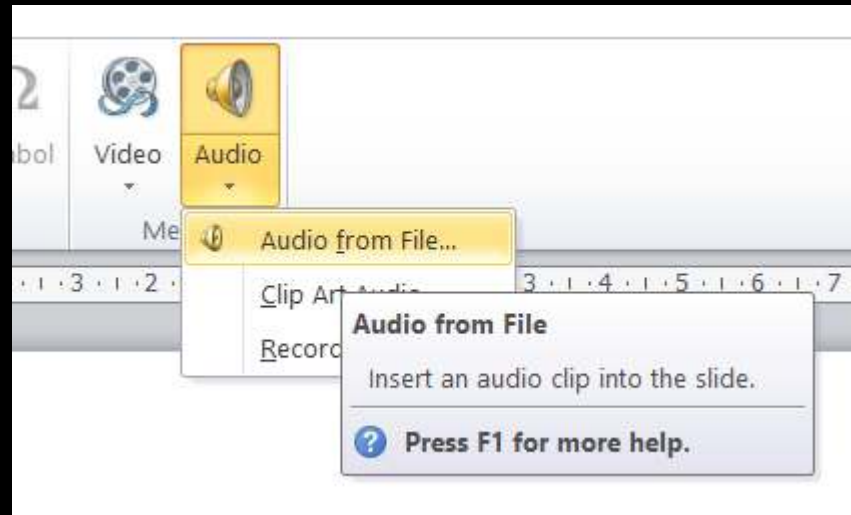
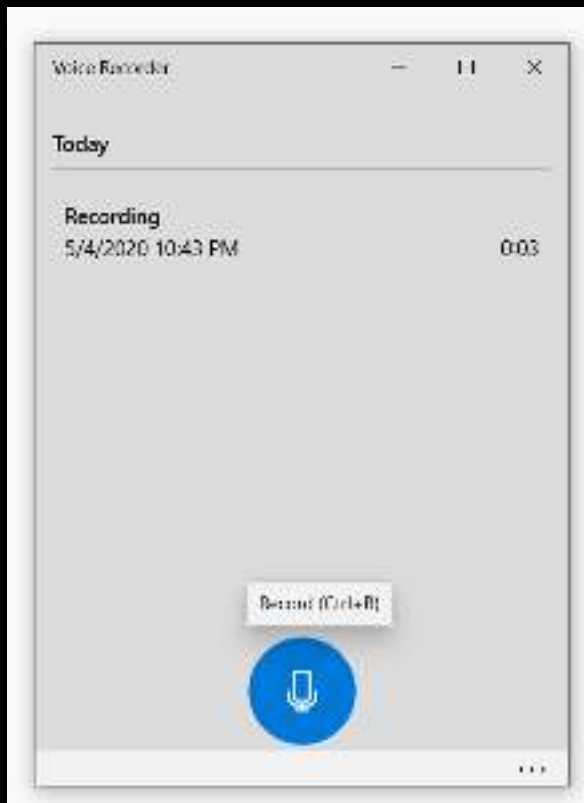
Click to add title

Click to add subtitle

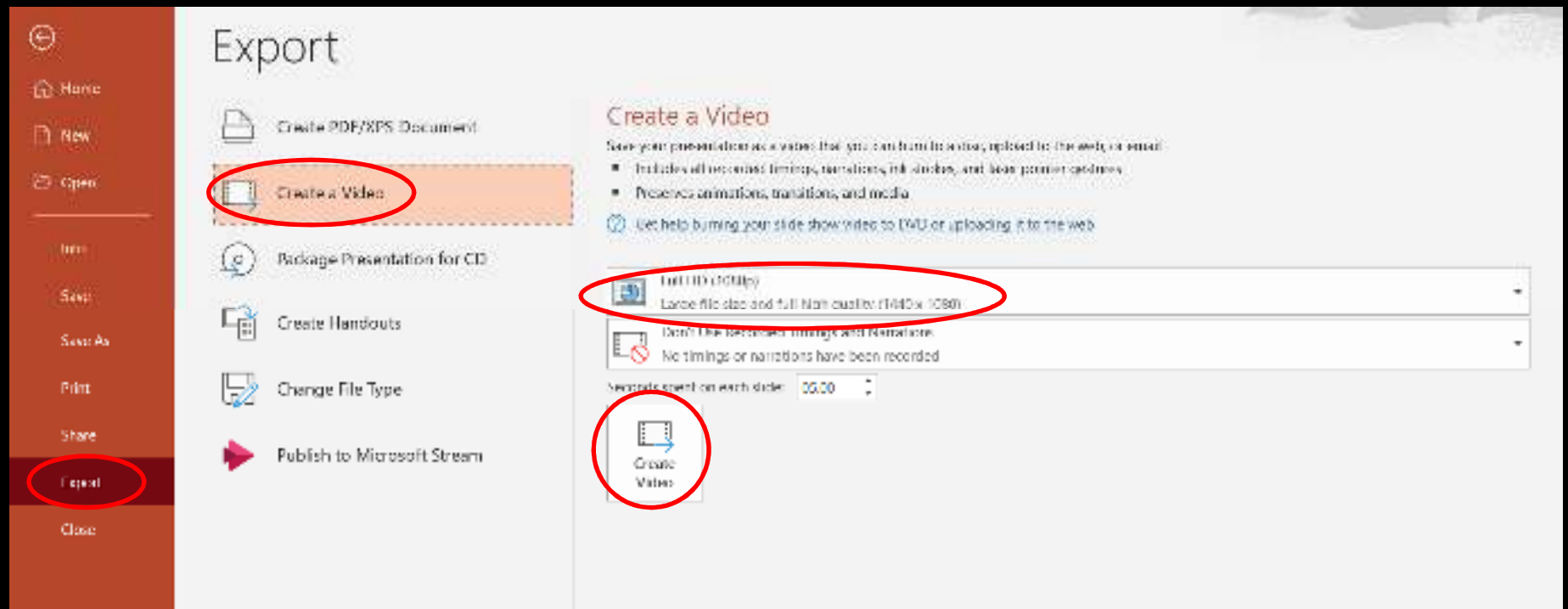
Play back voice over



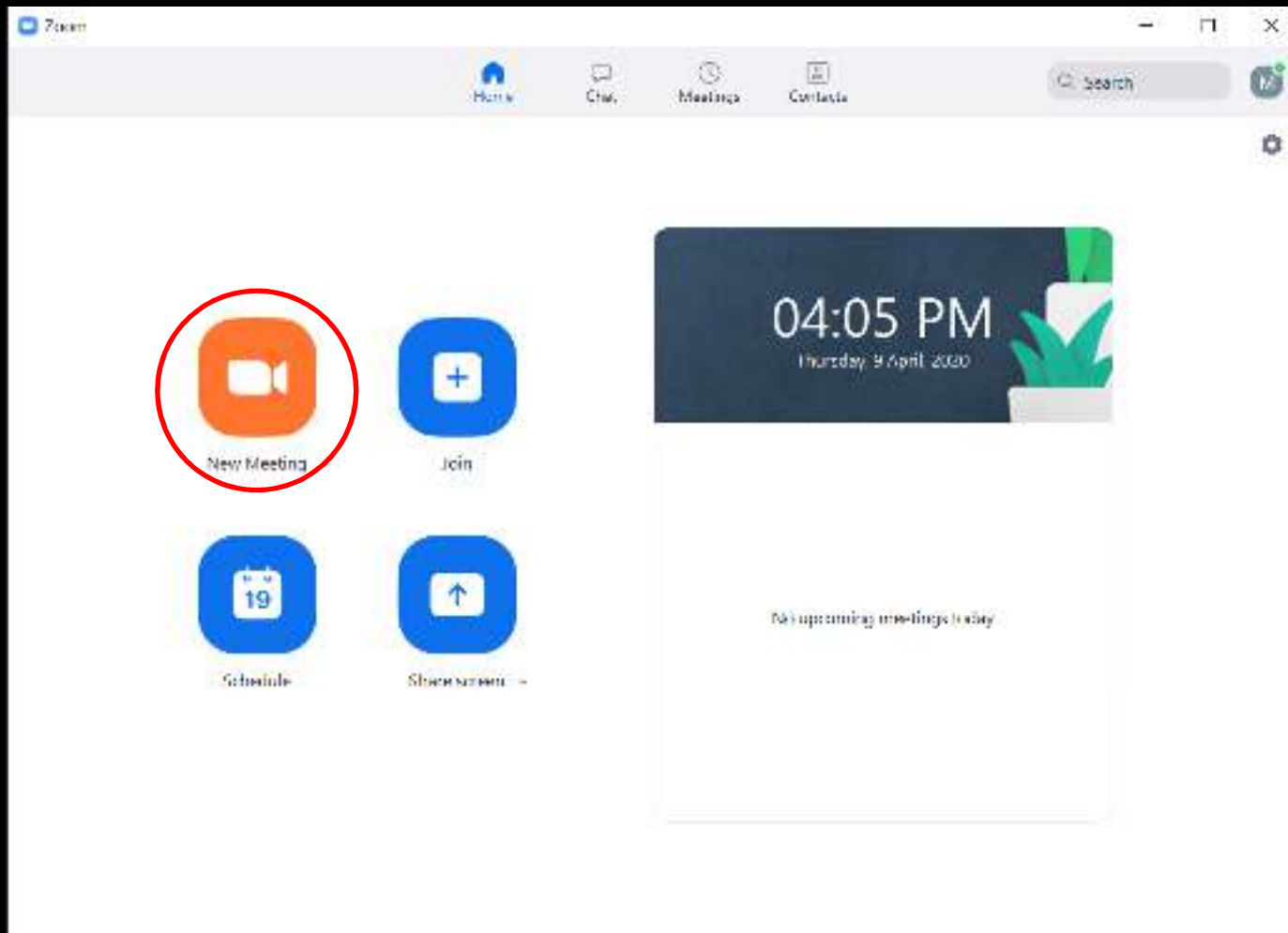
Create a video with PowerPoint



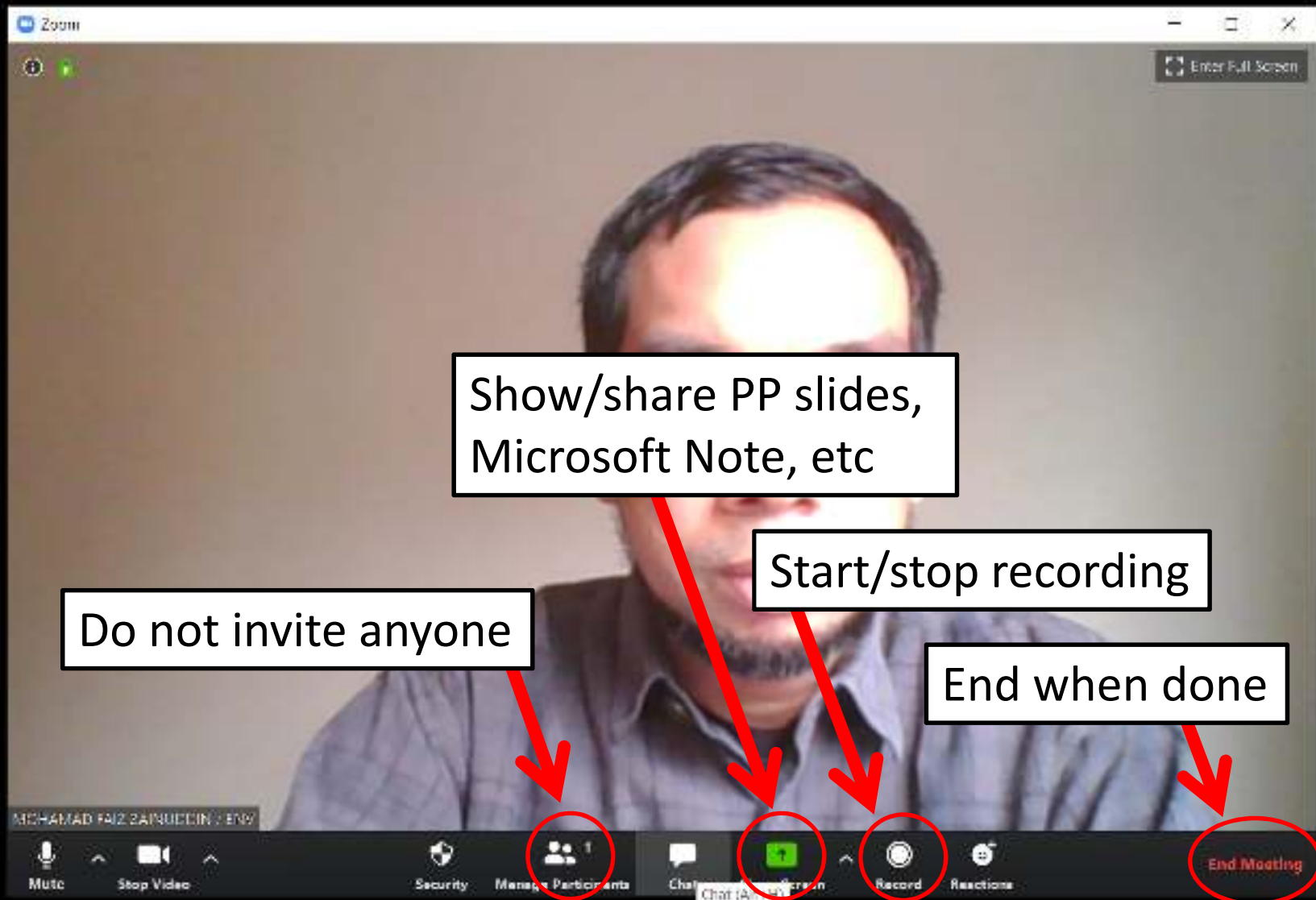
Create a video with PowerPoint



Create a video with Zoom



Create a video with Zoom



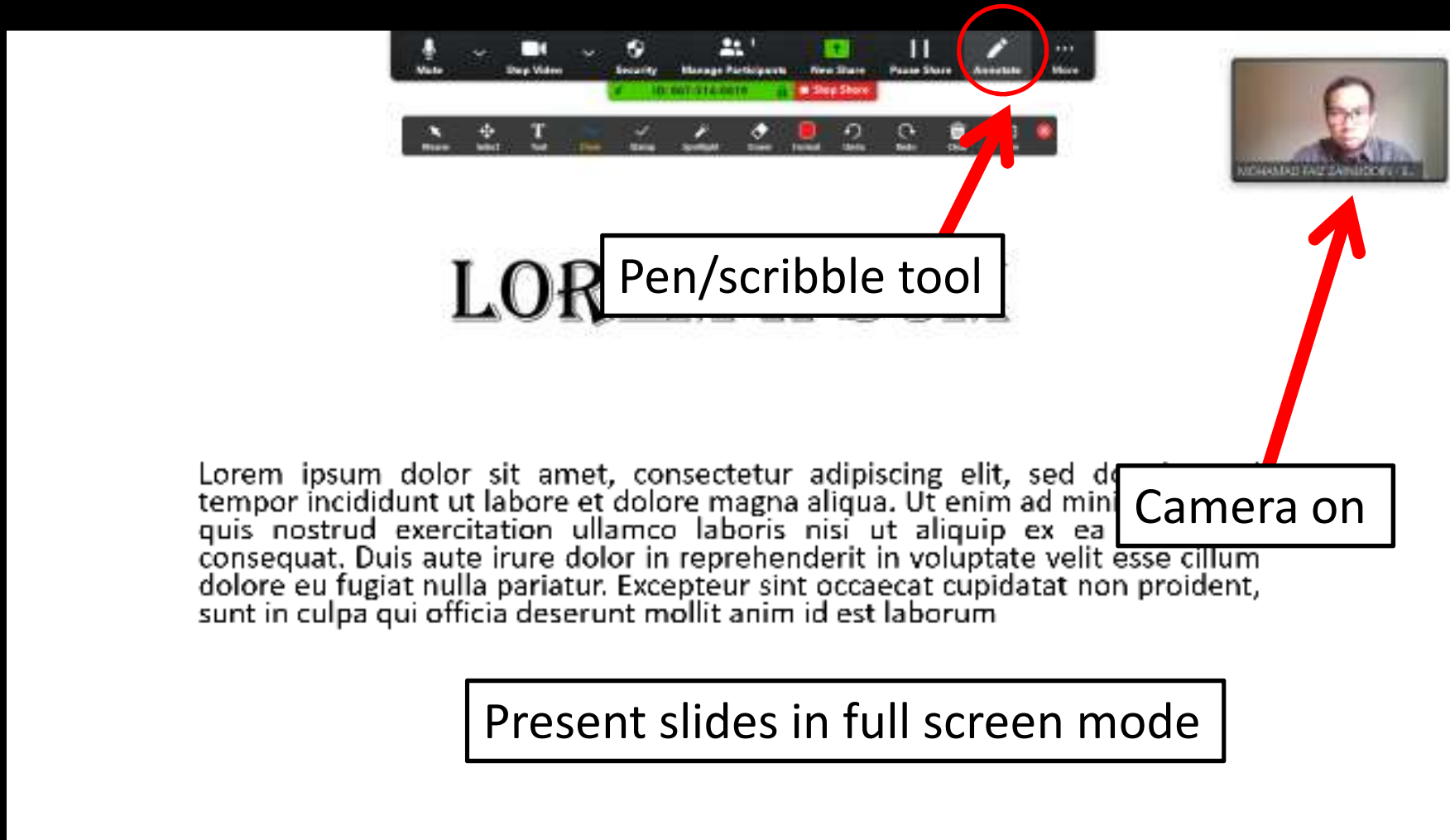
Show/share PP slides,
Microsoft Note, etc

Do not invite anyone

Start/stop recording

End when done

Create a video with Zoom

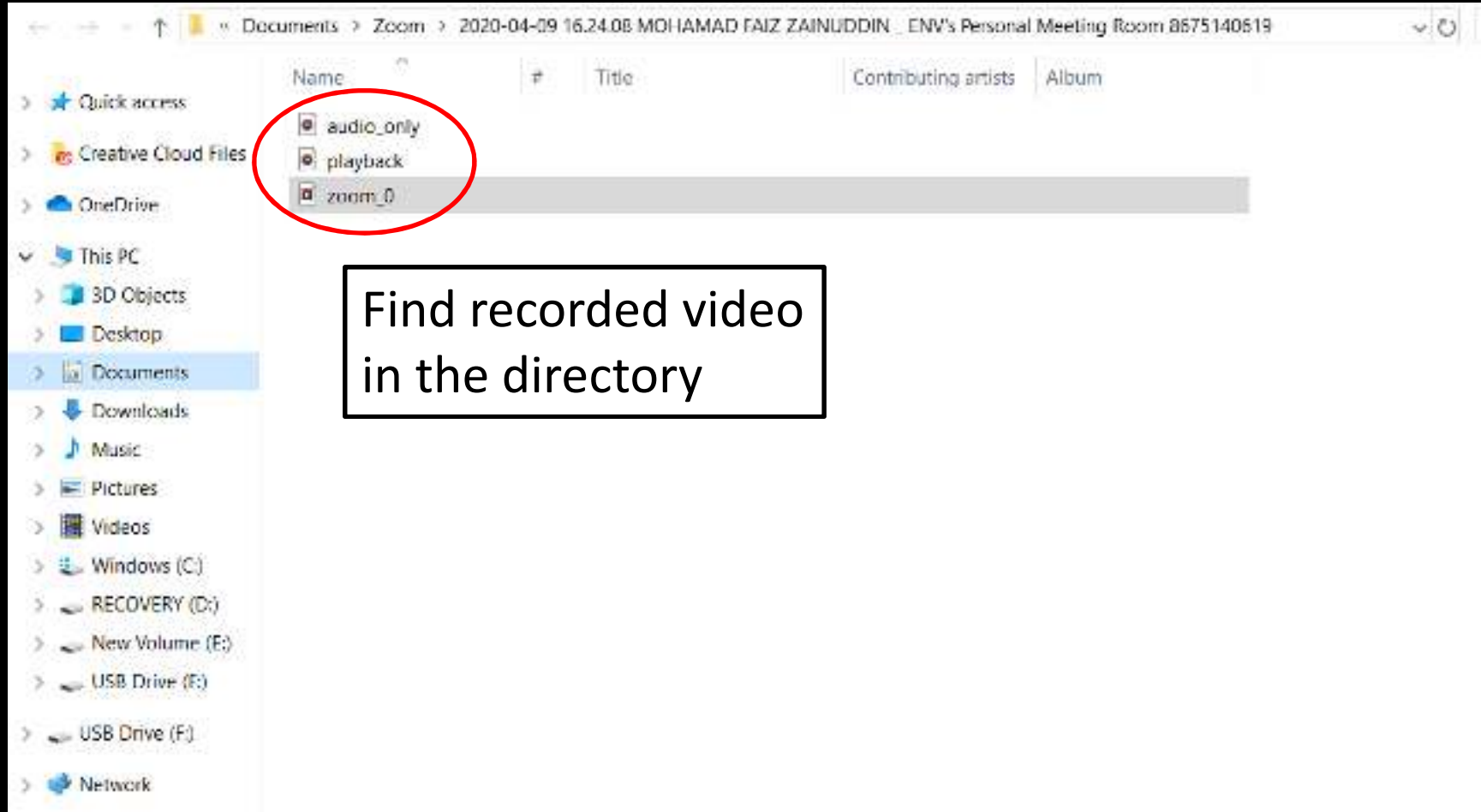


Pen/scribble tool

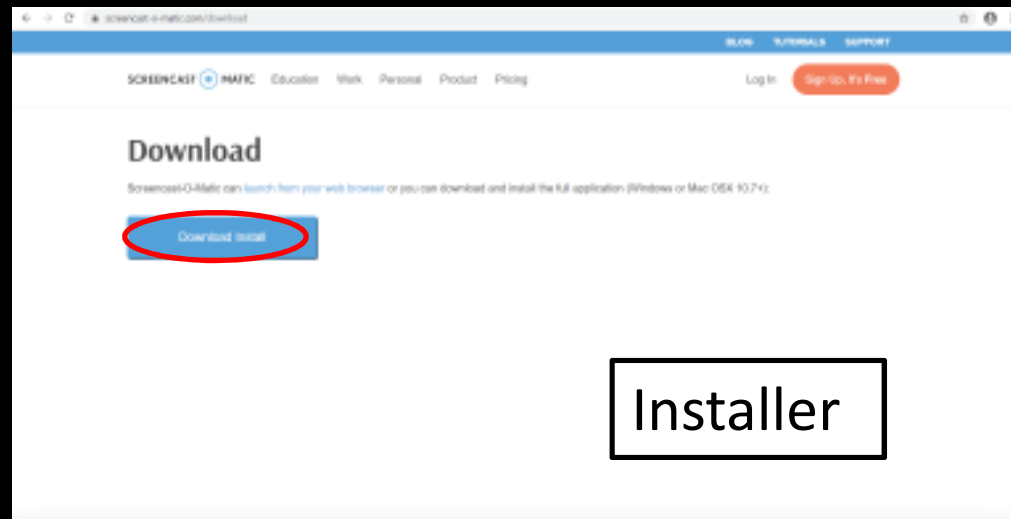
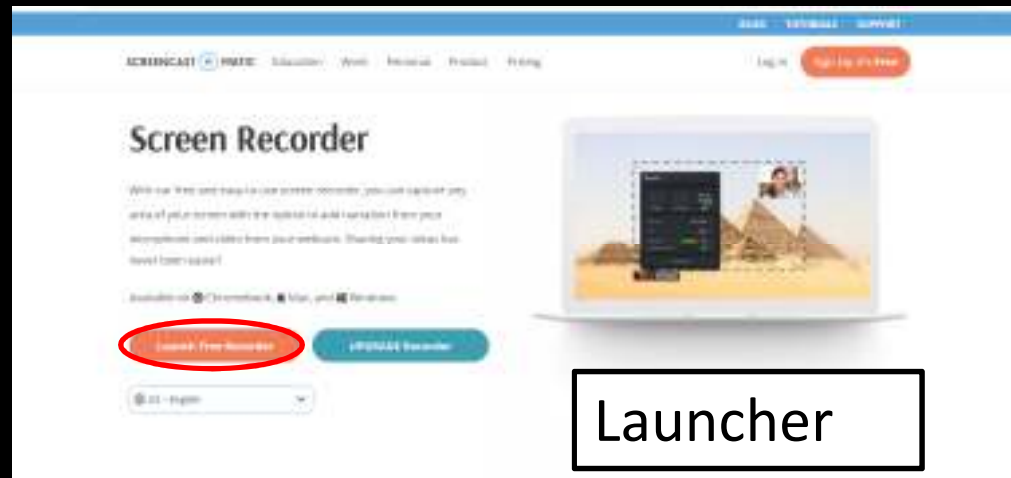
Camera on

Present slides in full screen mode

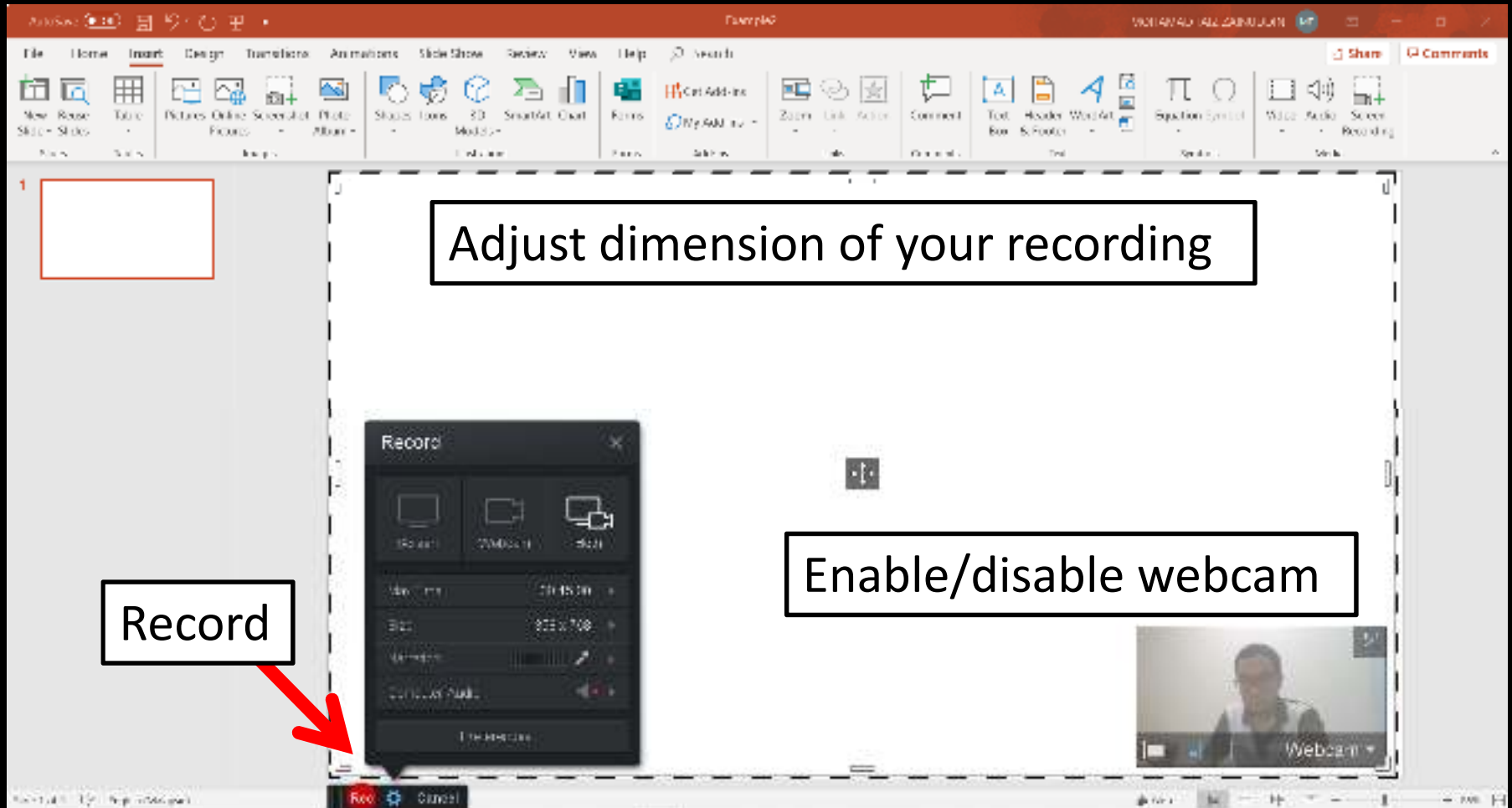
Create a video with Zoom



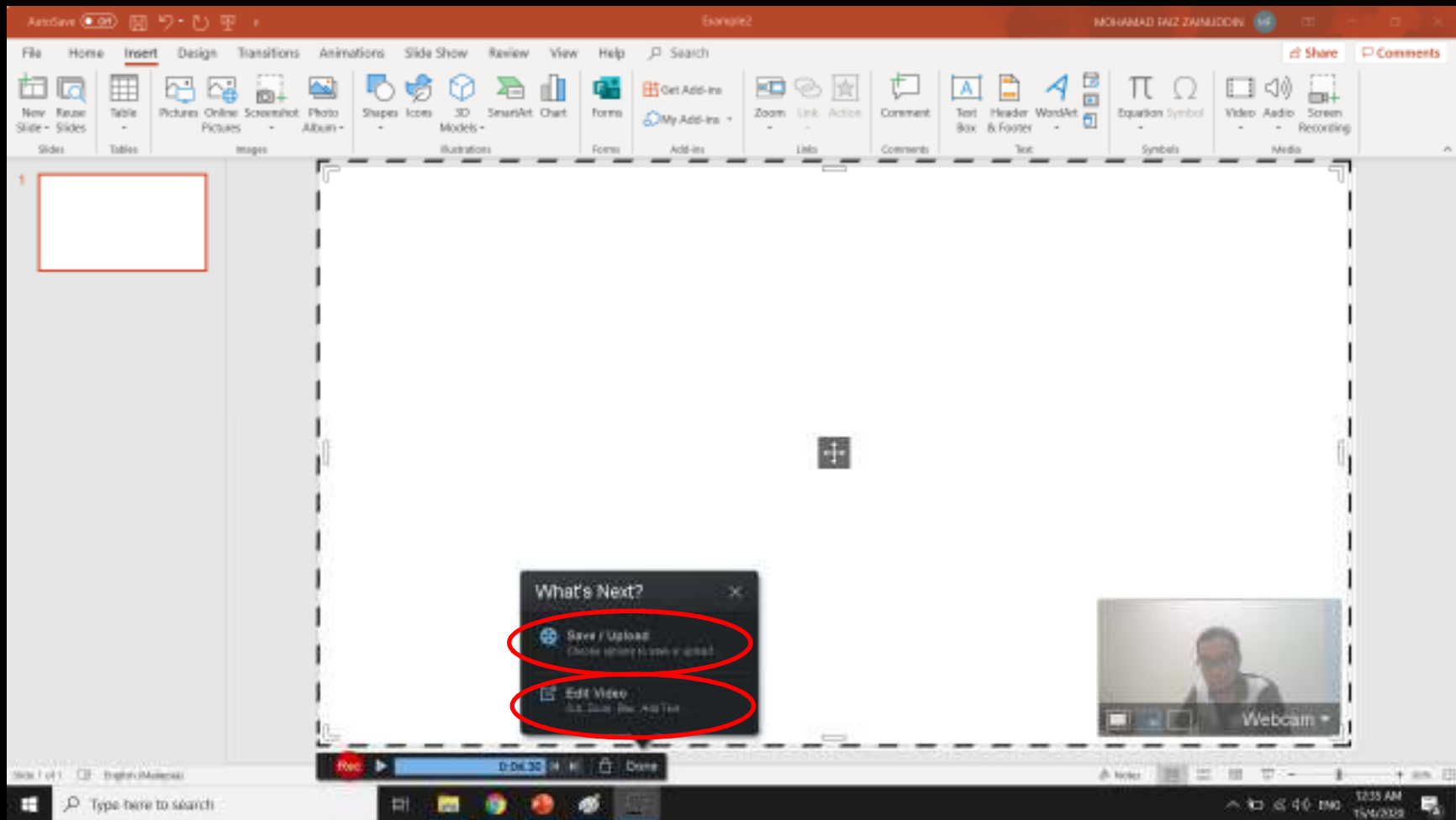
Create a video with Screencast-o-matic



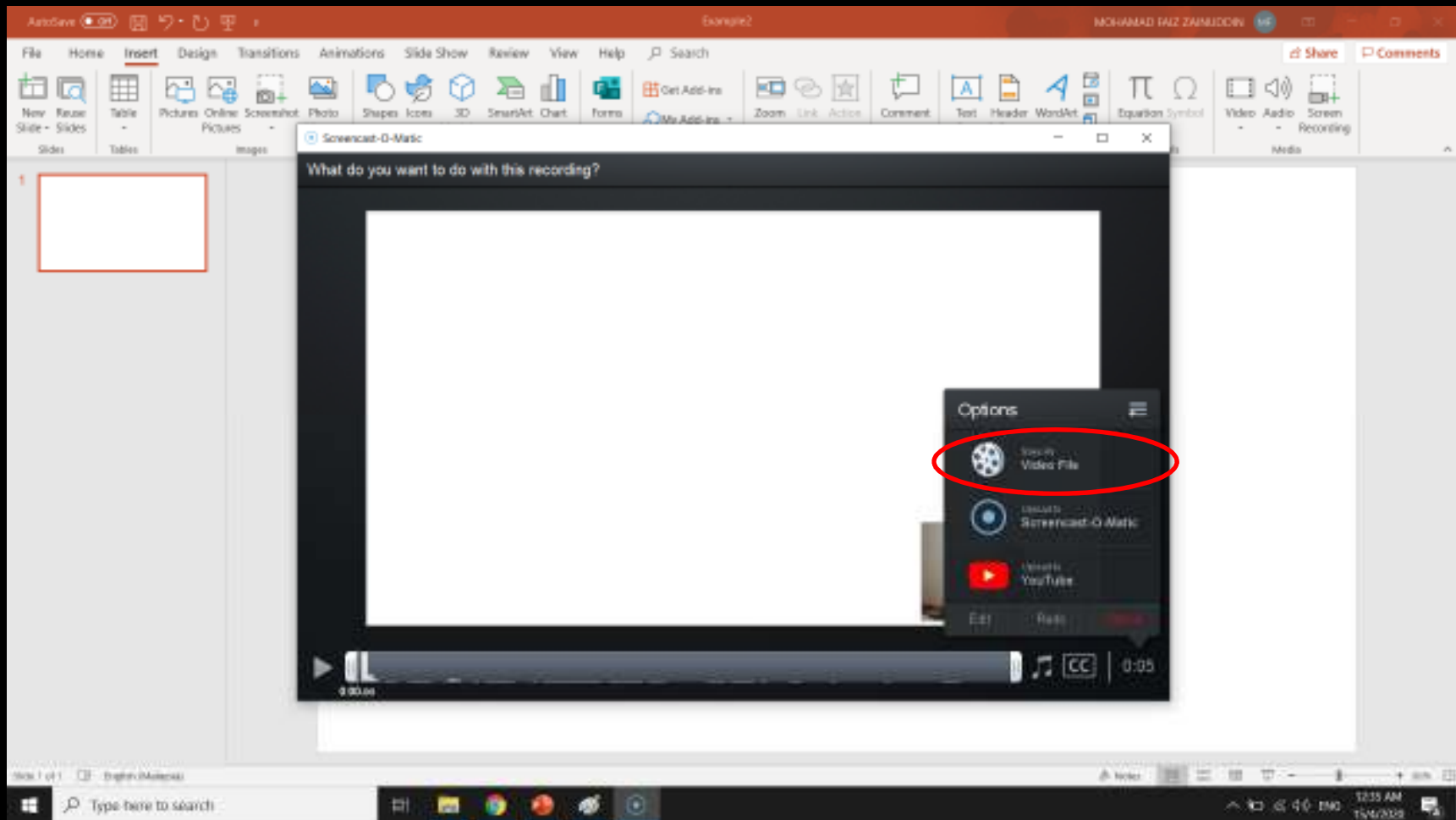
Create a video with Screencast-o-matic



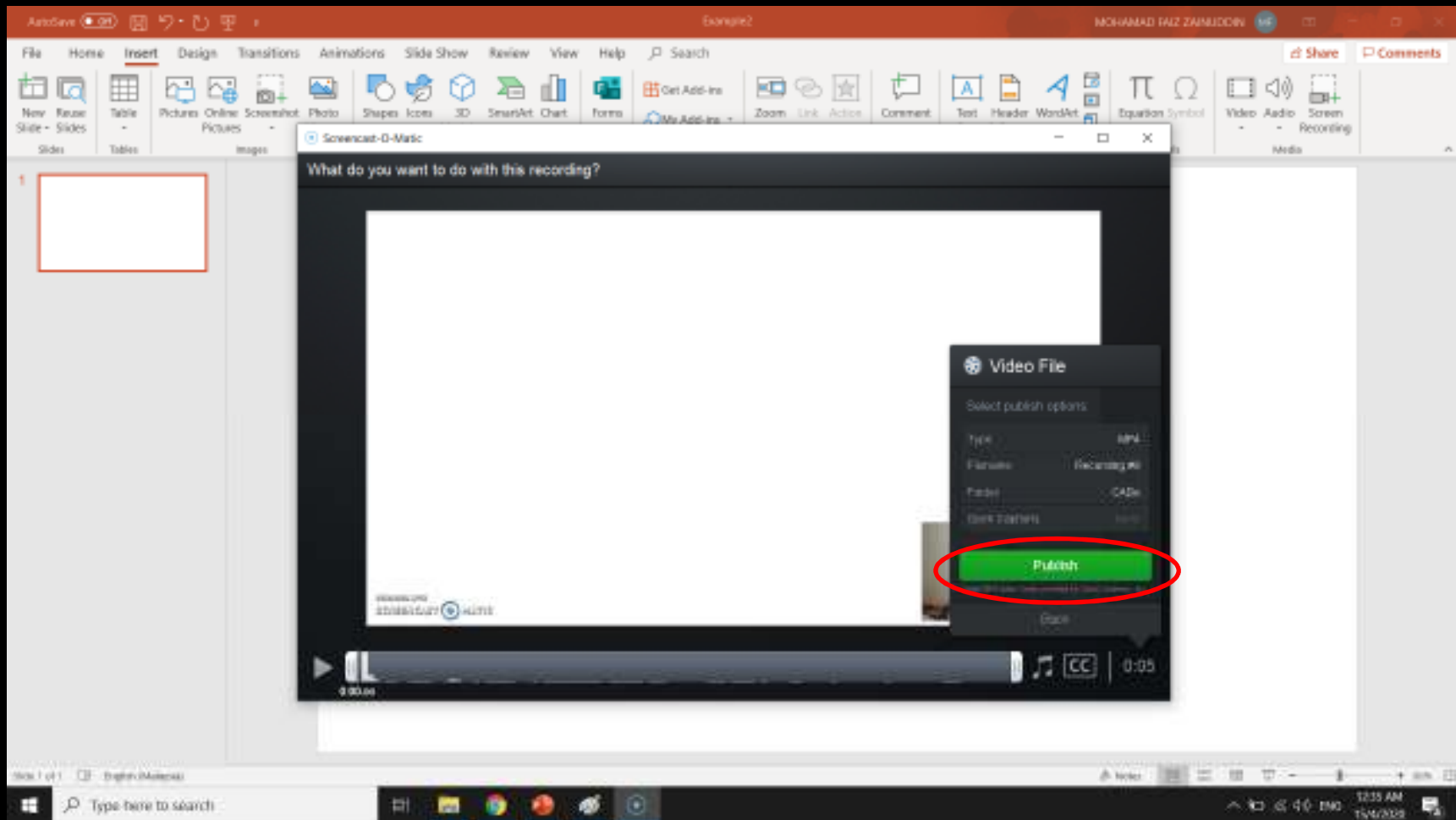
Create a video with Screencast-o-matic



Create a video with Screencast-o-matic



Create a video with Screencast-o-matic



File size comparison (10 second recording)

Medium/Tool	Size	Rate	Frame per second
PowerPoint and camera turned on*	996 kB	573 kbps	30.30
PowerPoint with voice over only*	232 kB	10 kbps	30.30
Zoom (sharing PP slide and camera turned on)	305 kB	154 kbps	25.00
Zoom (sharing PP slide and voice over only)	248 kB	130 kbps	25.00
Scrcast-o-matic (sharing PP slide and camera turned on)†	219 kB	77 kbps	25.09
Scrcast-o-matic (sharing PP slide and voice over only)†	199 kB	40 kbps	25.08

* The lowest resolution (480p)

† Resolution (1358 x 768)

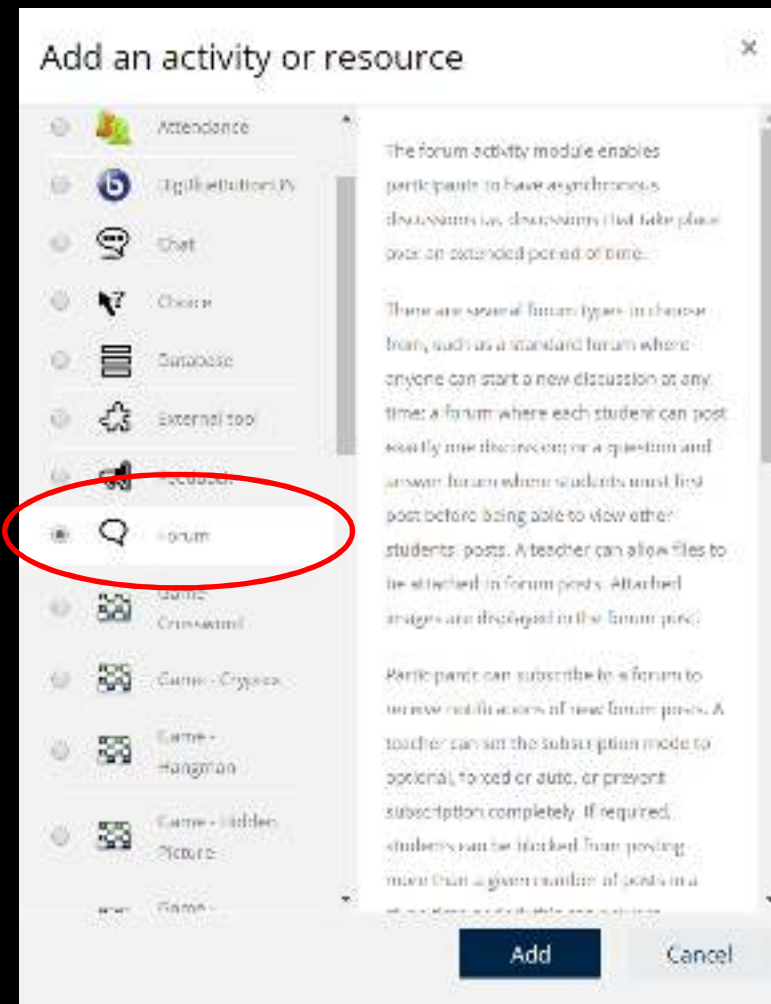
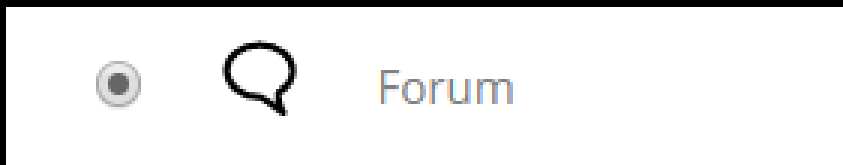
† No post-processing

Other video making tools

- Cisco webex
- Biteable
- Powtoon
- Animoto
- Moovly



Setting up Forum on PutraBlast



Setting up Forum on PutraBlast

Example1

Add a new discussion topic

Subject !

Message !

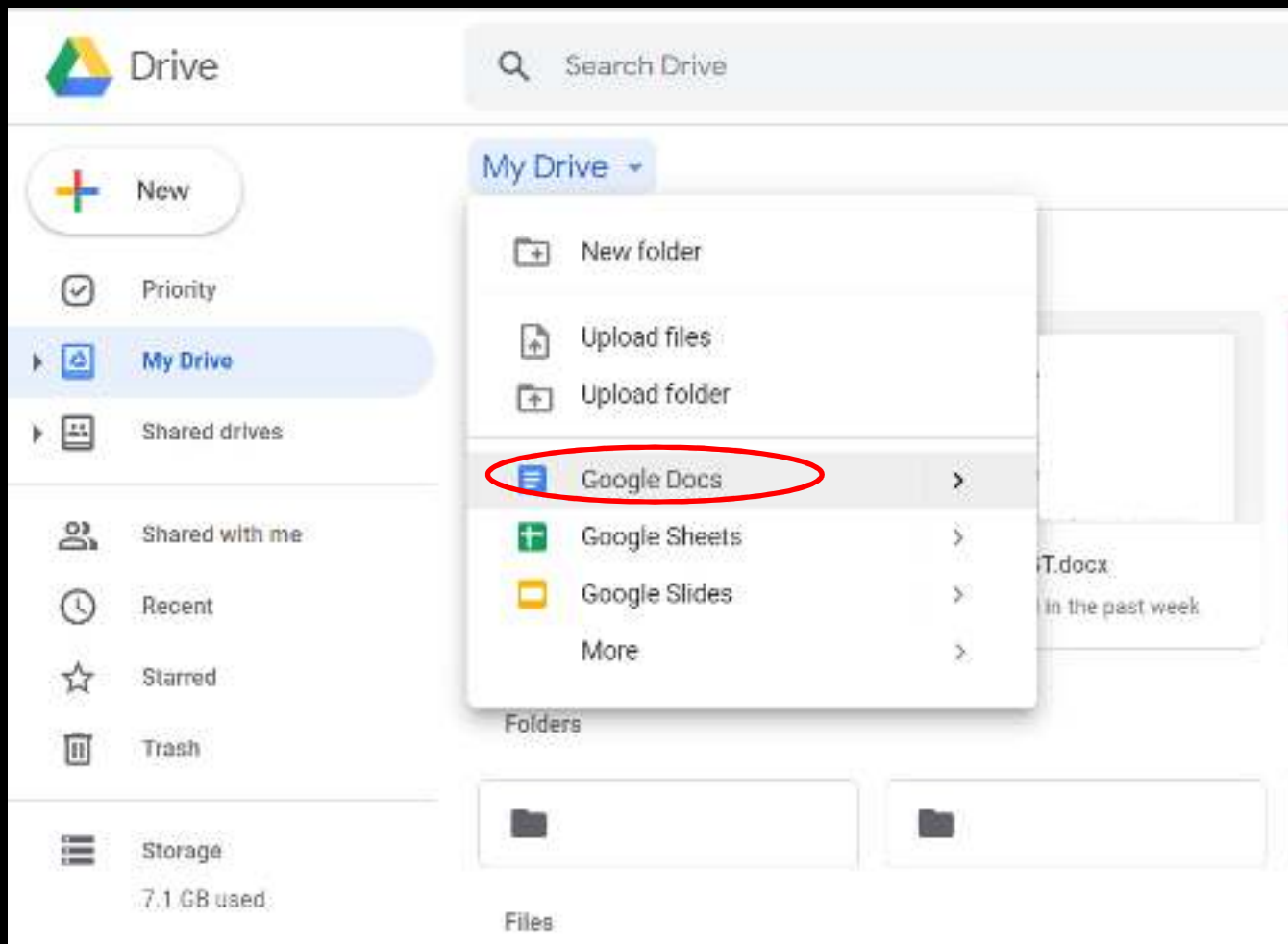
↓ **A** **B** **I** **≡** **≡** **🔗** **🔗** **🖼️** **📄** **👤** **🗑️** **🔒** **H-P**

Which one is more energy efficient? Electric car or hybrid car? Provide your argument.

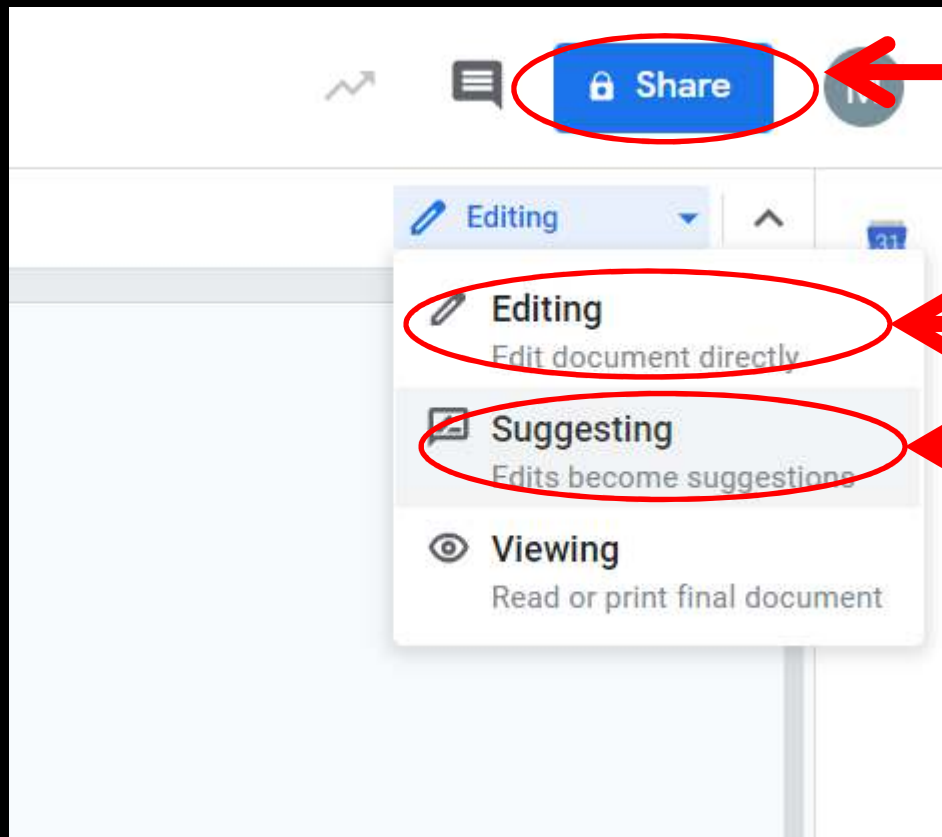
There are required fields in this form marked !.

(There are no discussion topics yet in this forum)

Google Doc



Google Doc



Share with others

Let others edit

Track changes



canva.com

MOHAMAD FAIZ ZAI...
Add your picture

Try "Nasuma"

Animated Social Media

Discover now >

Create a design

Custom dimensions

- Poster
- Presentation
- Logo
- Video
- Flyer
- Card
- Infographic
- Business Card

Posters

Try Canva Pro

STOP THE SPREAD

WHAT TO DO DURING A NATURAL DISASTER

Prevent the spread of COVID-19 in 7 STEPS

Help ?



Templates

Search Templates

Coronavirus Poster See all



Event Poster See all



Photos

Elements

Text

Videos

Background


Uploads

Folders

Untitled design - Poster Try Canva Pro Share Download


Share designs with others to view and edit

Type one or more names or emails


 MOHAMAD FAIZ ZAINUDDIN / ENV Owner
z_faiz@upm.edu.my

Share a link to **edit** Copy link

Course Presentation in H5P

 Interactive Content

Add an activity or resource

- Game - Hidden Picture
- Game - Millionaire
- Game - Snakes and Ladders
- Game - Sudoku
- Classway
-  Interactive Content
- Lesson
- Questionnaire
- Quiz
- SCORM package
- Survey
- Wiki

The H5P activity module enables you to create interactive content such as: Interactive Videos, Question Sets, Drag and Drop Questions, Multi-Choice Questions, Presentations and much more.

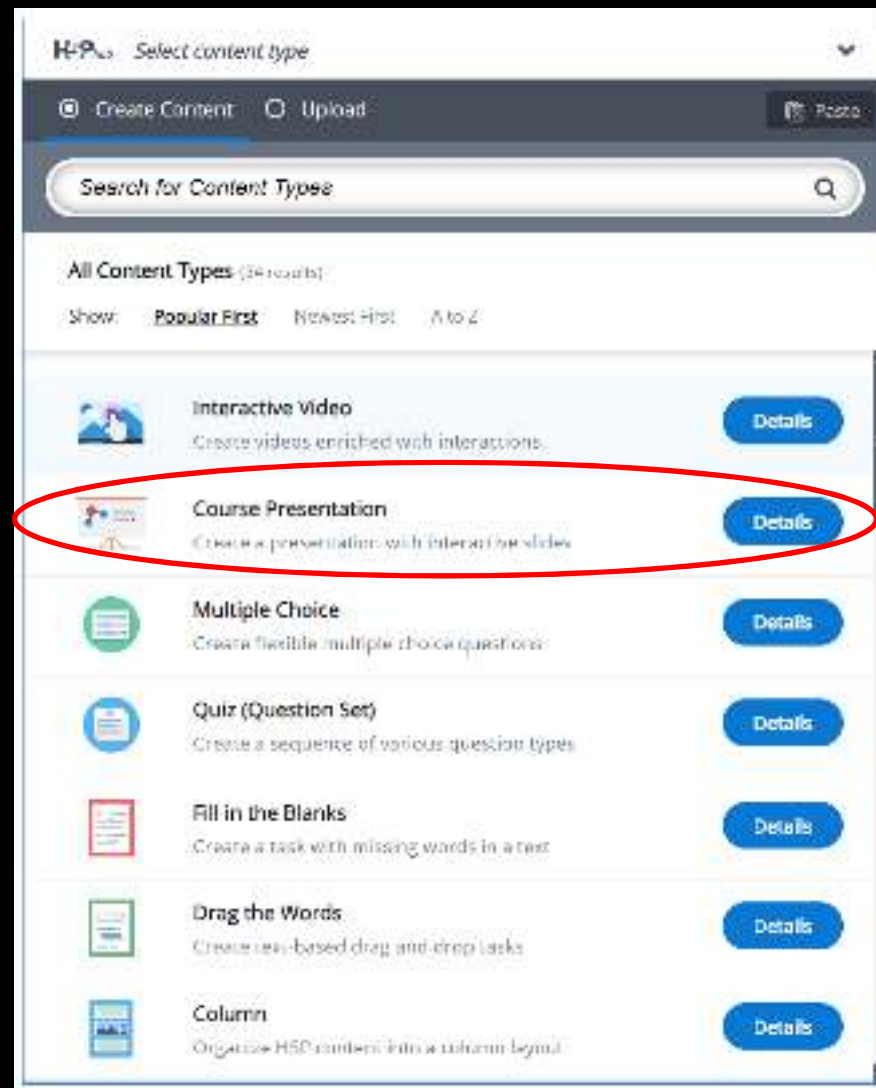
In addition to being an authoring tool for rich content, H5P enables you to import and export H5P files for effective reuse and sharing of content.

User interactions and scores are tracked using xAPI and are available through the Moodle Gradebook. Note that it is currently possible for people with programming skills to cheat in H5P interactions and obtain the full score without knowing the correct answers. H5Ps must not be used for exams or similar.

You add interactive H5P content by creating content using the built-in authoring tool or uploading H5P files found on other H5P enabled sites.

Add Cancel

Course Presentation in H5P



Course Presentation in H5P

The screenshot displays the H5P editor interface for a slide. At the top, there is a 'Title' field with a red asterisk and a 'Metadata' button. Below this, a text box contains the title 'Testing1'. A toolbar is located below the title box, containing icons for text, link, image, video, table, anchor, audio, list, table of contents, zoom, and other editing functions. A red oval highlights this toolbar. The main content area of the slide is empty, with the text 'Add text, pictures, links etc' centered in the middle. At the bottom right of the slide area, the text 'Add more slides' is displayed. A blue bar at the bottom of the slide area contains a toolbar with icons for adding, deleting, and other slide management actions, which is also highlighted with a red oval. The bottom status bar shows '1 / 1' and a refresh icon.

Title * Metadata

Used for searching, reports and copyright information

Testing1

Slide -

Add text, pictures, links etc

Add more slides

1 / 1

Course Presentation in H5P

The screenshot displays the H5P editor interface. At the top, there is a 'Title *' field with a 'Metadata' button next to it. Below this, a text box contains 'Testing1'. A toolbar with various icons is visible, including a 'Slides' button. The main workspace shows a slide with a quiz question: 'What color is sky?'. The question has three radio button options: 'Cyan', 'Azure', and 'Navy'. A red oval highlights the question and its options. Below the oval, the text 'Add quiz' is written. At the bottom of the editor, there is a progress bar and a footer with '2 / 2' and several navigation icons.

Title * Metadata

Used for searching, reports and copyright information

Testing1

Slides

What color is sky?

- Cyan
- Azure
- Navy

Add quiz

2 / 2

Tips and suggestions

- Do not expect perfection
- “Bite-size” 5 - 15 minutes long video
- Allow sufficient time
- Low-tech delivery and assignment
- Do not overwhelm yourself and your students



Tips



The image shows a YouTube channel page for CALM UNIMAS. At the top, there is a banner with the text "NURTURING FUTURE GRADUATES CALM WORKSHOP SERIES" and the UNIMAS logo. Below the banner is the channel's profile picture, the name "CALM UNIMAS", and a red "SUBSCRIBE" button. A navigation menu includes "HOME", "VIDEOS", "PLAYLISTS", "CHANNELS", "DISCUSSION", and "ABOUT". The "Uploads" section features a video titled "Coffee Talk with e-Learning Team: Asynchronous and Low Bandwidth Online Teaching Mode" with 157 views, posted 2 days ago. The video description discusses asynchronous and low bandwidth online teaching modes and suggests implementation tips.

NURTURING FUTURE GRADUATES CALM WORKSHOP SERIES

CALM UNIMAS SUBSCRIBE

HOME VIDEOS PLAYLISTS CHANNELS DISCUSSION ABOUT

Uploads

Coffee Talk with e-Learning Team: Asynchronous and Low Bandwidth Online Teaching Mode
157 views · 2 days ago

Asynchronous and Low Bandwidth Online Teaching Mode. In this coffee talk session, we explain about Asynchronous and Low Bandwidth Online Teaching Mode. We also suggest how to Implement the

THANK YOU

GRACIAS
ARIGATO
SHUKURIA

JUSPAXAR
DANKSCHEEN
SHACHALHUYA
SPASSIBO
TAVTAPUCH
MEDAHAGSE
BAIKHA

CHALTU
YAQHANYELAY
TASHAKKUR ATU
NUHUN
SHACHALHUYA
DIHANYABAAD
MAABEEJA
MAITEKA
HUI
YUSPACARATAM
SUKSAMA
EKHMET
ATTO
MAAKE
GRAZIE
MEHRBANI
PALDIES
LAH
UNALCHEESH
HATUR GU
SPASIBO
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KOMAPSUMNIDA
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