

The background of the slide is a light gray gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance. They are positioned in the top-left, top-center, and bottom-right areas of the slide.

# 科技輔助教學

## TECHNOLOGY ASSISTED INSTRUCTION

張賢宗<sup>1</sup>、陳光武<sup>2</sup> 長庚大學 資訊工程學系

<sup>1</sup>教學品保組 <sup>2</sup>教學資源中心

# PRELUDE – THE SLI.DO

ORIGINALLY FROM: [HTTPS://WWW.YOUTUBE.COM/WATCH?V=J86DZLA4YJE](https://www.youtube.com/watch?v=J86DZLA4YJE)



Past

[Create event](#)



推廣程式教學(長庚大學) #9961  
25 - 28 Apr 2019



TA培訓2019.02.15 #TA0215  
13 - 16 Feb 2019



1. I have already created an account and acting as an administrator.
2. I created two events in the past.
3. Next I am going to create a new one for this workshop.

## Create an event

Event name

TA\_workshop\_2019.09.19

Start date

September 18, 2019

End date

September 21, 2019

Event code

# K262

Dates are default 3 days beginning 9/18.  
Event code "K262" was automatically generated.

Show how event dates work

CANCEL

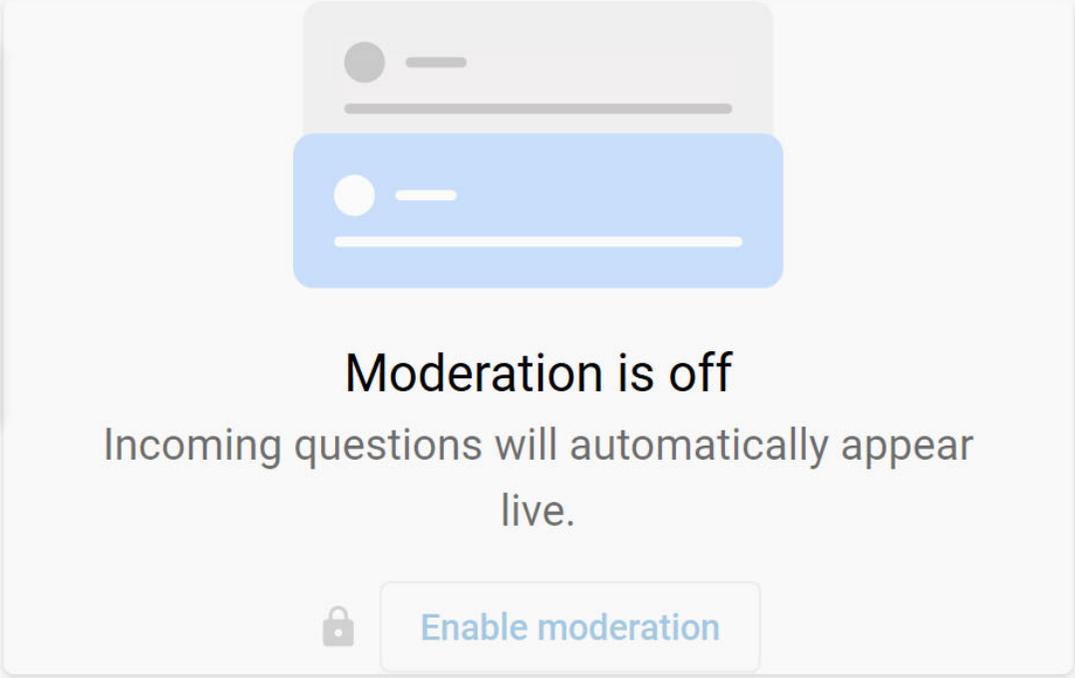
**CREATE EVENT**

TA\_workshop\_2019.09.19

AUDIENCE Q&A LIVE POLLS

For review

Moderation 



Moderation is off  
Incoming questions will automatically appear live.

 [Enable moderation](#)

Live

1. This event is LIVE now.
2. One can ask a question from either computer or smart phone devices by connecting to slido.com.



Your audience can join at [www.slido.com](http://www.slido.com)  
with this code: #K262

[Try sending a question](#)

[Watch how it works](#)

 Need help?

For

TA\_workshop\_2019.09.19

Q&A POLLS

Ask the speaker

Type your question

There are no questions asked yet.  
**Ask the first one!**

Moderation

Live

A panel appears to allow you type in your question.

ly appear live.

?

Your audience can join at [www.slido.com](http://www.slido.com)  
with this code: #K262

Try sending a question Watch how it works

For

Ask the speaker

Hello, this is Jeff. Though I had severe cough in these days, I just hope tomorrow I can deliver my lecture smoothly.

43

Your name (optional)

**SEND**

You can optionally type in your name.

Moderation

Live

ly appear live.

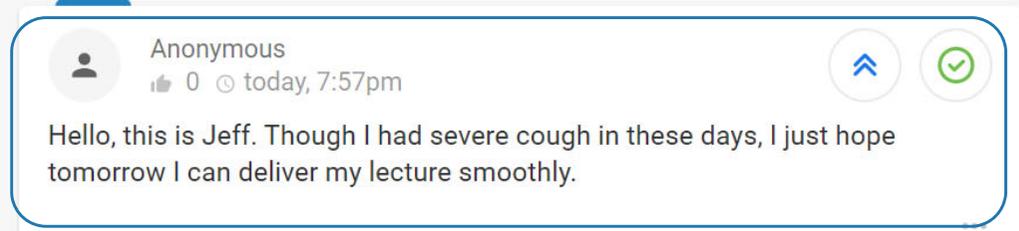
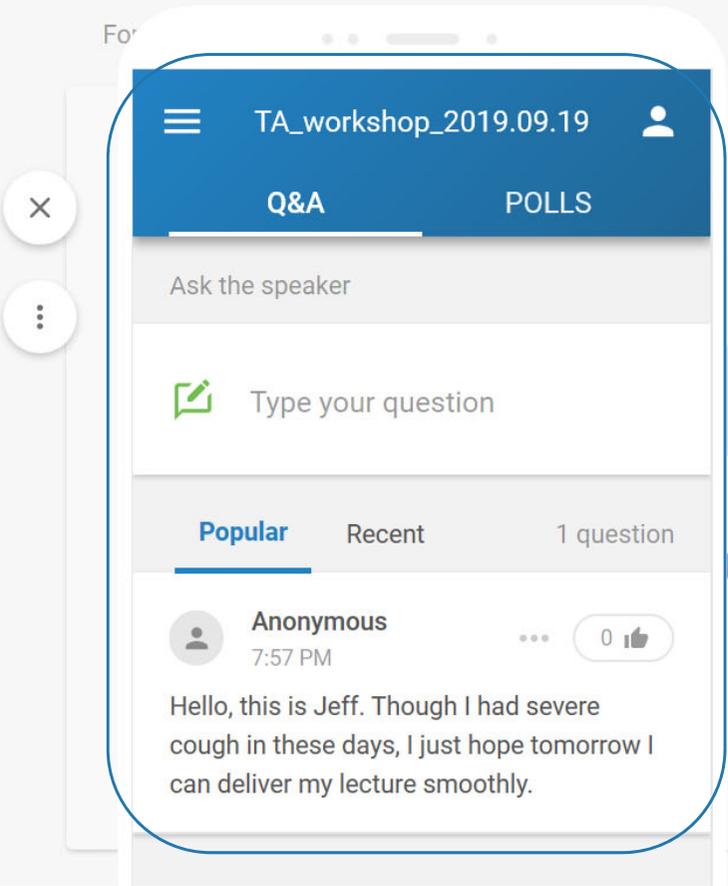
?

Your audience can join at [www.sli.do](http://www.sli.do) with this code: #K262

Try sending a question Watch how it works



A "Present Mode" allows you to display outcome through full screen.



1. Once the first question was sent, both the client screen (left) and the server screen (top) displays this new message.
2. You will see all questions from the participants. You can click "Like" for one particular question if that happens to be the one you'd like to ask.
3. The list will be sorted according to the number of "Likes".

Audience Q&A Live polls Analytics

TA\_workshop\_2019.09.19

Q&A POLLS

Ask the speaker

Type your question

Popular Recent 1 question

Anonymous 7:57 PM 0 likes

Hello, this is Jeff. Though I had severe cough in these days, I just hope tomorrow I can deliver my lecture smoothly.

Moderation

Live Archive

Anonymous  
0 likes today, 7:57pm

Hello, this is Jeff. Though I ha  
tomorrow I can deliver my lec

**Present in fullscreen**  
Display audience questions or poll results on a big screen

**Present on another screen**  
Open Present mode in a new window and display it on your extended screen

Copy Present mode link

How to display Slido

📄 Top questions (1)

slido

 Anonymous

0 👍

Hello, this is Jeff. Though I had severe cough in these days, I just hope tomorrow I can deliver my lecture smoothly.

Join at  
**slido.com**  
**#K262**

1. I can see the only message here.
2. Next I am going to post another question from my smart phone.

1 On my smart phone I had this slido app installed. Once started, it prompts for an event code.

# enter code here [arrow]

By using this app I agree to the [Acceptable Use](#)

Your last event

TA\_workshop\_2019.09.19  
# K262  
18 - 21 Sep 2019

QUESTIONS POLLS

Ask the speaker

Type your question  
2 Type and send question.

Popular Recent 1 question

Anonymous 7:57 PM  
Hello, this is Jeff. Though I had severe cough in these days, I just hope tomorrow I can deliver my lecture smoothly.

Ask

QUESTIONS POLLS

Popular Recent 2 questions

Anonymous 7:57 PM  
Hello, this is Jeff. Though I had severe cough in these days, I just hope tomorrow I can deliver my lecture smoothly.

3 The new message emerged.

J Jeff 8:10 PM  
This is also Jeff from my smart phone.

Ask

Top questions (2)

slido

 Anonymous

0 

Hello, this is Jeff. Though I had severe cough in these days, I just hope tomorrow I can deliver my lecture smoothly.

 Jeff

0 

This is also Jeff from my smart phone.

Join at  
**slido.com**  
**#K262**

The full screen now has two entries. Let's see if we get more at the end of this workshop.

# 什麼是科技輔助教學？

## WHAT IS TECHNOLOGY-ASSISTED INSTRUCTION?

- USING TECHNOLOGY TO HELP TEACHERS TEACH.
- ALSO KNOWN AS TAI (TECHNOLOGY-AIDED INSTRUCTION & INTERVENTION).
- 就是利用電腦直接來幫助學習者學習的交談式 (**INTERACTIVE**)教學方法，以電腦來提供課程內容，利用練習(**DRILL AND PRACTICE**)、個別指導 (**TUTORIALS**)和模擬(**SIMULATIONS**)等方式進行教學，以達教學之目的。

### Computer Assisted Instruction

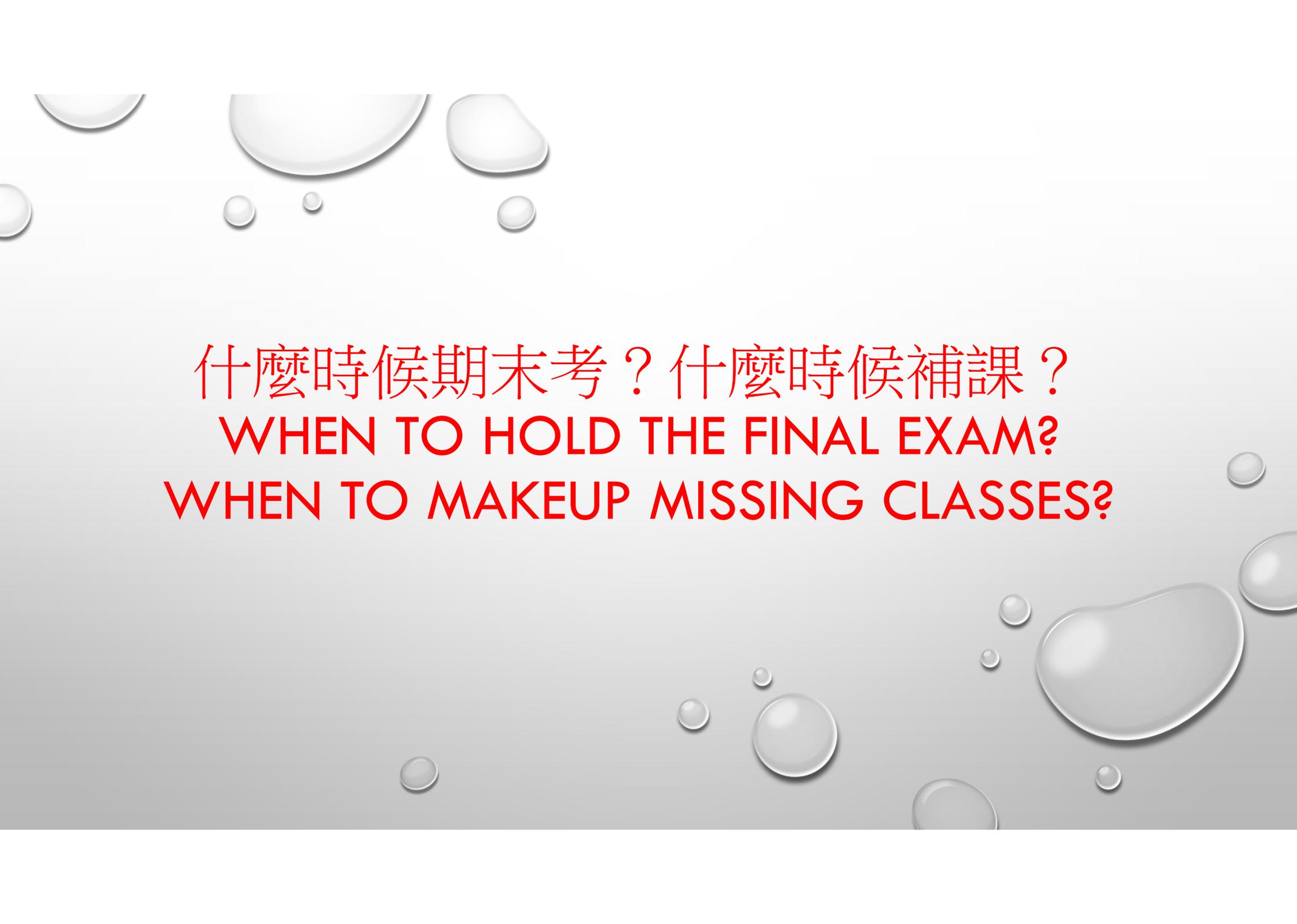
- Computer-assisted instruction (CAI) is an interactive instructional technique whereby a computer is used to present the instructional material and monitor the learning that takes place.



# 助教的主要工作為何？ WHAT CAN A TA HELP?

- YOU ALREADY SEE SOME IN E-LEARNING SYSTEM. (COURSE MANAGEMENT, FINAL GRADE UPLOAD, ETC.)
- NEXT WE ARE GOING TO FOCUS ON SOME ONLINE RESOURCES (LIKE SLIDO WE ALREADY INTRODUCED), WITH THE PURPOSE TO **PROMOTE BETTER TEACHER-STUDENT INTERACTION AND LEARNING OUTCOME.**

REF2: <https://zh.wikipedia.org/wiki/%E5%8A%A9%E6%95%99>

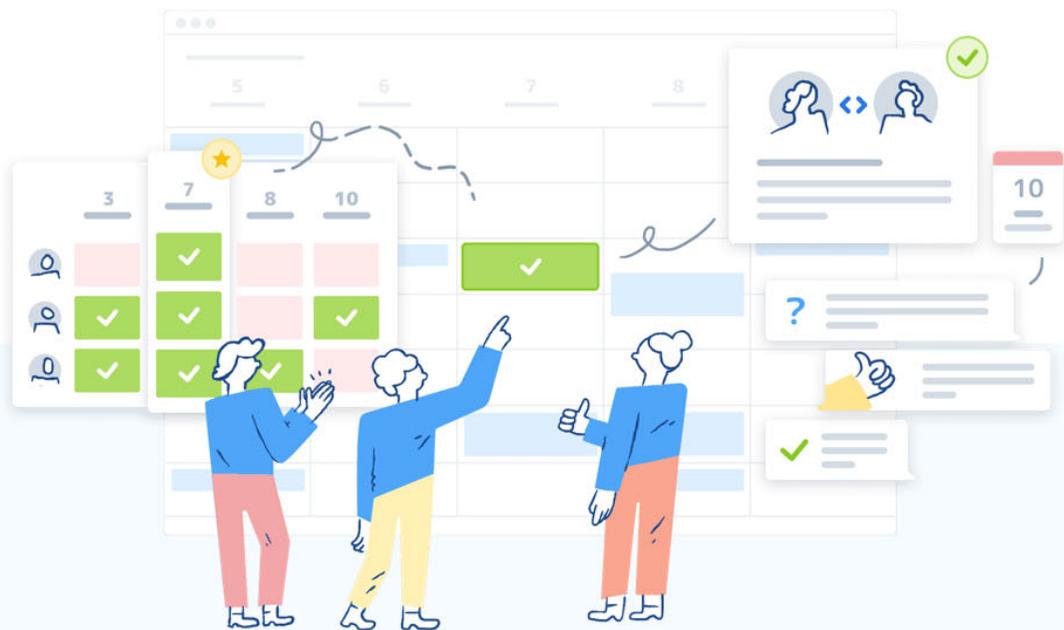


什麼時候期末考？什麼時候補課？  
**WHEN TO HOLD THE FINAL EXAM?**  
**WHEN TO MAKEUP MISSING CLASSES?**

# It shouldn't take 30 emails to schedule a 30-minute meeting

Book meetings faster with the smart scheduling power of Doodle

[Start a 14-day free trial](#)



# DOODLE 約時間

1. Once the form is completed, you get an URL via email.
2. Then you forward the email to your participants so they can go to this form and enter their availability.
3. Anyone can go to this URL to view updated poll.

	Sep 16 SAT	Sep 17 SUN	Sep 19 TUE	Sep 22 FRI	Sep 26 TUE	Oct 1 SUN
Tom	✓	✓			✓	✓
Paula		✓		✓	✓	
John	✓	✓			✓	
Emma		✓				

Compare availability to find the best time for everyone to meet.

## How it works



### Suggest options

Select things like dates, places, or preferences for your Doodle poll.



### Invite participants to vote

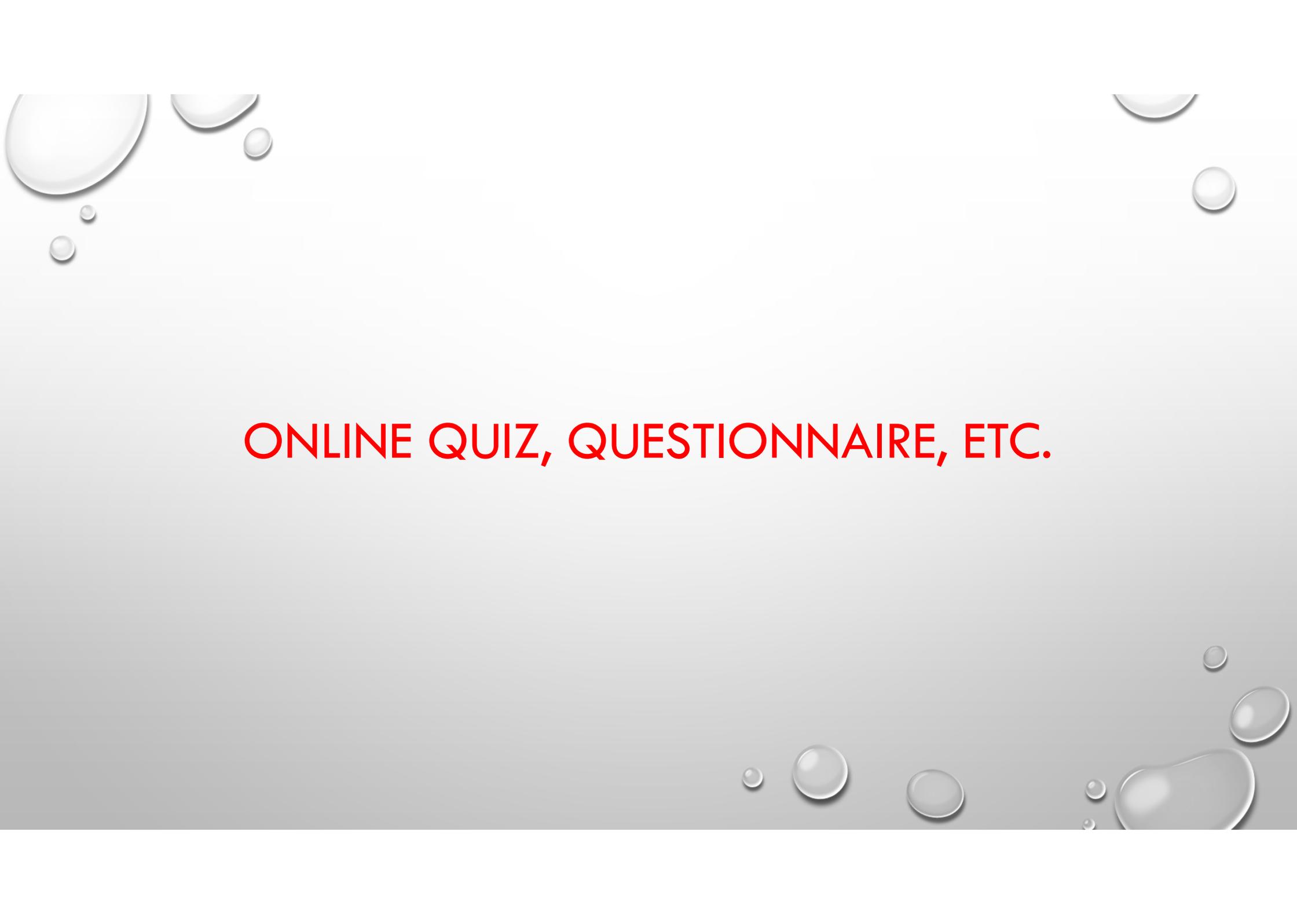
With the invitation, participants can select their preferences. They don't even need an account.



### Select the best option

Once the votes are in, pick the final option for your Doodle poll!



The background features a light gray gradient with several realistic water droplets of various sizes scattered in the corners. The droplets have highlights and shadows, giving them a three-dimensional appearance. They are located in the top-left, top-right, and bottom-right areas of the slide.

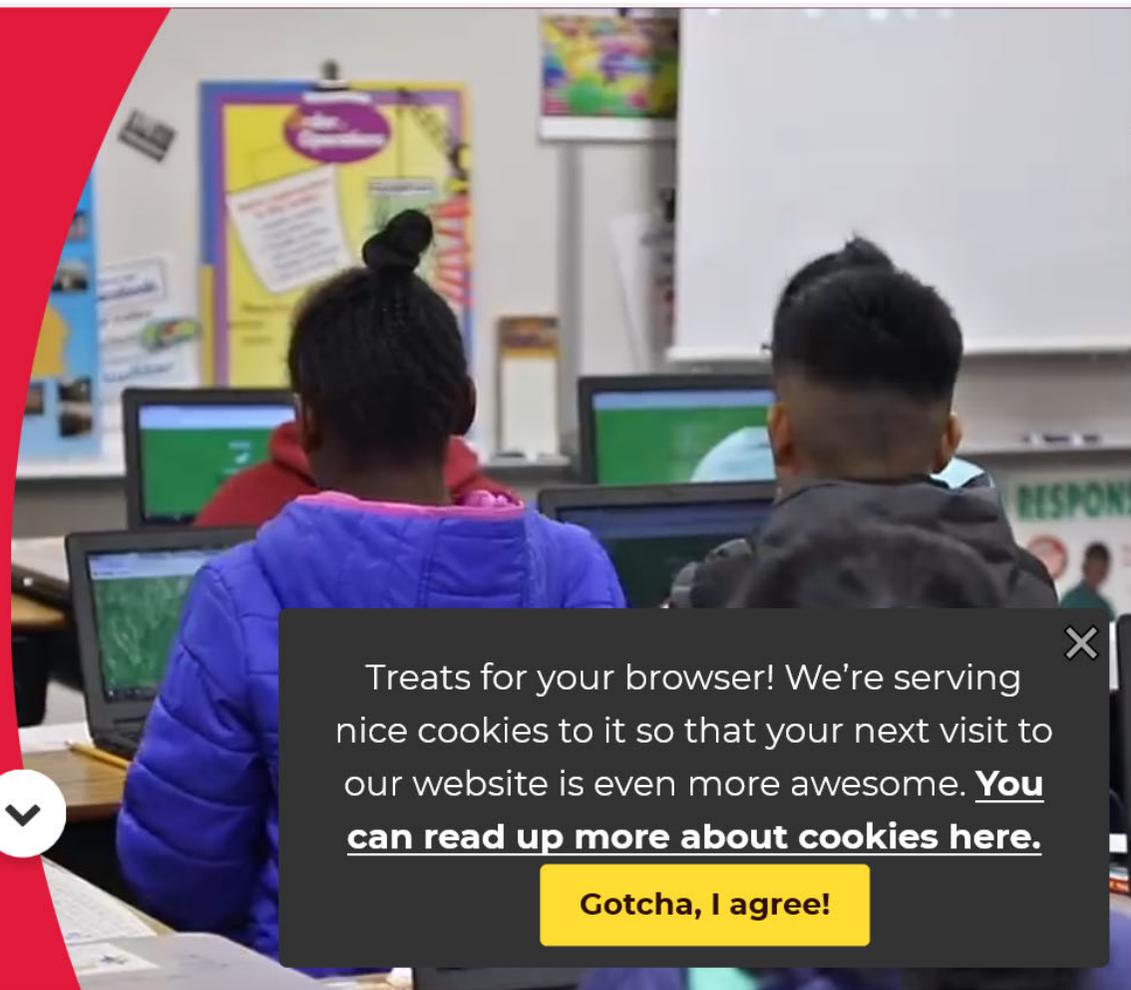
**ONLINE QUIZ, QUESTIONNAIRE, ETC.**



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Gotcha, I agree!

Quiz, slides, polls - all in one game! Meet our new, redesigned game creator! [Learn more](#)



 [Add name +](#)  
gwchen

Plan: [Upgrade](#)

Member of: [Create a team](#)

Plays of your Kahoots 58

Total players 474

Kahoots created 23

My interests [Add interests](#)



[My kahoots](#) [Team space](#) [Create new](#)

-  **ITM019-Lecture13**  
gwchen 2 plays
-  **Duplicate of Quiz: introduction to biostatistics**  
gwchen 1 plays
-  **IT3030 quiz#2 CI**  
gwchen 2 plays

[See all \(23\)](#)

**Latest reports**

-  ITM019-Lecture13
-  醫學工程與臨床工程概論
-  ITM019-Lecture16

[See all \(74\)](#)

Save 50% on Kahoot! Pro for your team until Sept. 3 extended to Sept. 30!

[Learn more](#)

**Top picks**

[Discover more tips and tricks](#)

## Create a new kahoot

New kahoot



Create

Template



Teach with slides

Template



Kahoot! for formative assessment

Template



Template



Template



Close



Enter kahoot title... [Settings](#)

[Exit](#) [Done](#)

1

Type your question

20

[Add question](#)

[Question bank](#)

Click to start typing your question

20 sec

Drag and drop image from your computer



[Image library](#) [Upload image](#) [YouTube link](#)

 Add answer 1

 Add answer 2

 Add answer 3 (optional)

 Add answer 4 (optional)

[Import from spreadsheet](#)

Feedback



Enter kahoot title... [Settings](#) ✓ Saved

[Preview](#) [Exit](#) [Done](#)

1. What is the duration for this wo...

20

[Add question](#)

[Question bank](#)

# 1. What is the duration for this workshop?

20 sec

Drag and drop image from your computer

[Image library](#) [Upload image](#) [YouTube link](#)

Need to check for at least one answer.

- ▲ 1:00 pm to 3:30 pm ✓
- ◆ 1:30 pm to 4:00 pm ✓
- 2:00 pm to 4:30 pm ✓
- 2:30 pm to 5:00 pm ✓

[Import from spreadsheet](#)

1. What is the duration for this wo...

20

2. How many TAs are attending t...

20

Add question

Question bank

By clicking "Add question" I am adding the second question here.

2. How many TAs are attending this workshop?

20 sec

Drag and drop image from your computer

Image library Upload image YouTube link

- less than 20
- 21~25
- 26~30
- 31~35

1. What is the duration for this wo...

20

Input fields

2. How many TAs are attending t...

20

Input fields

3. What department(s) am I affilia...

20

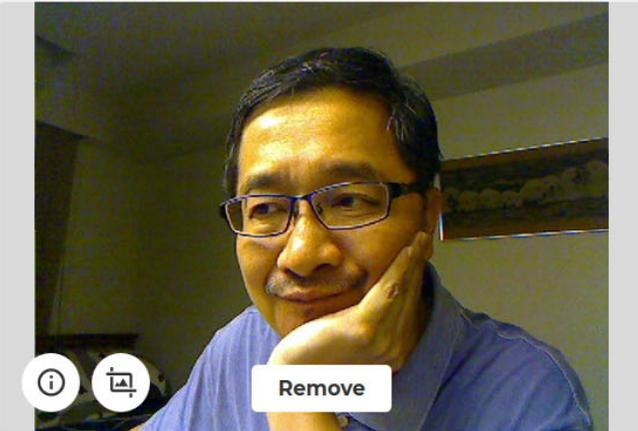
Photo of a man

Input fields

### 3. What department(s) am I affiliated?

Here I also drag-and-dropped a photo here.

20 sec



#### Image reveal

Original 3x3 5x5 8x8

Add question

Question bank

▲ Nursing ✓

◆ Biotechnology & Lab Science ✓

● Computer Science & Information Engineering ✓

■ Center for Instructional Resources ✓

Import from spreadsheet

Quiz, slides, polls - all in one game! Meet our new, redesigned game creator! [Learn more](#)



### TA Workshop 2019

[Play](#) [Challenge](#)

A public kahoot  
This is an event held on September 19, 2019 @ CGU  
0 favorites 0 plays 0 players  
gwchen  
Created 18 minutes ago

Copy and share this playable link  
<https://create.kahoot.it/share/ta-workshop-2019/4a485990-bb47-4df5-99d8-1014999dc24a>

### Questions (3)

[Show answers](#)

1 - Quiz  
**1. What is the duration for this workshop?**

20 sec

2 - Quiz  
**2. How many TAs are attending this workshop?**

20 sec

3 - Quiz  
**3. What department(s) am I affiliated?**

20 sec

1. A final check on the quiz we created.
2. One can share this very Kahoot URL to others, if it is set to be visible to everyone.

Quiz, slides, polls - all in one game! Meet our new, redesigned game creator! [Learn more](#)

- My Kahoots
- School of Awesome
- Favorites
- Shared with me
- My drafts New!

Search...

My Kahoots

Sort by: Most recent

Kahoots (24) [Create new](#) [Organize into folders](#)



**TA Workshop 2019** 3 Questions Visible to everyone Created 13 minutes ago • 0 plays

**All you need to do now is **Play**.**

[Play](#) [Challenge](#)

**ITM019-Lecture13** 11 Questions Visible to only you Created almost 3 years ago • 2 plays

[Play](#) [Challenge](#)

**Duplicate of Quiz: introduction to biostatistics**

[Play](#) [Challenge](#)

**QUIZ, SLIDES, POLLS - IN ONE GAME!**

[Upgrade to Pro](#)

The background features a light gray gradient with several realistic water droplets of various sizes and shapes. Some droplets are partially cut off by the edges of the frame. The droplets have highlights and shadows, giving them a three-dimensional appearance.

# OTHER USEFUL TOOLS

# SURVEYCAKE

The screenshot displays the SurveyCake dashboard. At the top left is the SurveyCake logo. Below it, the user profile for Hsien-Tsung Chang (標準會員) is shown. The main content area is titled "從範本建立問卷" (Create Survey from Template) and includes a sub-header: "我們提供八大類的精選範本，你可以選擇適合你的範本進行編輯" (We provide 8 categories of selected templates, you can choose the one suitable for you to edit). A navigation bar contains icons for: 全部 (All), 滿意度調查 (Satisfaction Survey), 學術研究 (Academic Research), 行銷與市調 (Marketing & Market Research), 活動與社交 (Activities & Social), 內部問卷 (Internal Survey), 校園應用 (Campus Application), and 記錄 (Records). The main grid features five survey templates: 熱舞社入社申請 (Hot Dance Club Membership Application), 校園評鑑調查 (Campus Evaluation Survey), 系服訂購登記 (Department Uniform Order Registration), 新生宿營調查 (New Student Camp Survey), and 社團出遊報名 (Club Trip Registration). The "社團出遊報名" template is highlighted with a green border.

**SurveyCake**

Hsien-Tsung Chang  
標準會員

問卷總覽

+ 建立問卷

## 從範本建立問卷

我們提供八大類的精選範本，你可以選擇適合你的範本進行編輯

全部 滿意度調查 學術研究 行銷與市調 活動與社交 內部問卷 校園應用 記錄

- 熱舞社入社申請
- 校園評鑑調查
- 系服訂購登記
- 新生宿營調查
- 社團出遊報名

# 抄襲檢查 TURNITIN CHECK FOR PLAGIARISM

The screenshot displays the Turnitin interface for a document titled 'che.docx' by 'DALAI LAMA STUDENT'. The overall similarity score is 99% (SIMILAR). The 'Originality' tab is selected. A 'Match Overview' panel on the right shows a single match from 'es.wikipedia.org' (Internet source) with a 99% similarity score. The document text includes several paragraphs with highlighted matches:

**1** Ernesto Guevara, más conocido como «Che Guevara» ([Rosario, Argentina, 14 de mayo de 1928](#)<sup>1</sup> – [La Higuera, Bolivia, 9 octubre de 1967](#)), fue un [político, escritor, periodista y médico argentino-cubano](#)<sup>2</sup>. Guevara fue uno de los [ideólogos](#) y comandantes que lideraron la [Revolución Cubana \(1953–1959\)](#) que desembocó en un nuevo régimen político en ese país. Guevara participó entonces y hasta [1965](#) en la organización del Estado cubano desempeñando varios altos cargos de su administración y de su (principalmente en el área [económica](#), siendo presidente del Banco Nacional y ministro de Industria, y también en el área diplomática como responsable de varias misiones internacionales.

Convencido de la necesidad de extender la lucha armada en todo el [Tercer Mundo](#), el Che Guevara impulsó la instalación de guerrilleros en varios países de [América Latina](#). Entre [1965](#) y [1967](#), él mismo combatió en el [Congo](#) y en [Bolivia](#). En este último fue capturado y ejecutado de manera clandestina y sumaria por el [Ejército boliviano](#) en colaboración con la [CIA](#) el [9 de octubre de 1967](#).

La figura despertó grandes pasiones en la opinión pública tanto a favor como en contra, convertido en un símbolo de relevancia mundial. Para muchos de sus partidarios representa la lucha contra las injusticias sociales o de rebeldía y espíritu incorruptible, mientras que es visto por muchos de sus detractores como un criminal responsable de asesinatos en masa, acusándolo además de mala gestión como Ministro de Industria.

Su [retrato fotográfico](#), obra de [Alberto Korda](#), es una de las imágenes más reproducidas del mundo en su original como en variantes que reproducen el contorno de su rostro, para uso simbólico, artístico o publicitario, siendo uno de los iconos del movimiento [contracultural](#).

# Moss

## A System for Detecting Software Similarity

### UPDATES

- Dec 14, 2008, *Added UTF8 conversion script to community*
- Feb 1, 2018 *And even more community contributions have*
- Nov 9, 2017 *More community contributions have been ad*
- Aug 31, 2017 *Thanks to Christophe Troestler for an [OCar](#)*
- May 18, 2014 *Community contributions (including a Wind*
- May 14, 2014 *And here is a [Java version](#) of the submissio*
- May 2, 2014 *Here is a [PHP version](#) of the submission scr*
- June 9, 2011 *There were two outages over the last couple*  
*management software that should prevent these problems*
- April 29, 2011 *There was an outage lasting a few hours to*
- August 1, 2010 *Everything is back to normal.*
- July 27, 2010 *The Moss server is back on line. There may*  
*be brief. New registrations are not yet working, but peopl*
- July 25, 2010 *As many (many!) people have noticed, the*  
*away on a trip. I am hopeful it will be back up within a few days.*

File 1	File 2	Lines Matched
sample1.c (97%)	sample2.c (97%)	13
sample1.c (62%)	sample3.c (62%)	8
sample1.c (62%)	sample4.c (60%)	8
sample2.c (62%)	sample3.c (62%)	8
sample2.c (62%)	sample4.c (60%)	8
sample3.c (62%)	sample4.c (60%)	8
sample4.c (75%)	sample6.c (73%)	10
sample4.c (75%)	sample5.c (73%)	10
sample5.c (95%)	sample6.c (95%)	13

### What is Moss?

# FINAL INTERACTIONS...

1. PLAYING KAHOOT ([HTTPS://CREATE.KAHOOT.IT/SHARE/TA-WORKSHOP-2019/4A485990-BB47-4DF5-99D8-1014999DC24A](https://create.kahoot.it/share/ta-workshop-2019/4a485990-bb47-4df5-99d8-1014999dc24a) )
2. CHECKING ON SLI.DO FOR QUESTION POOL