



KrAIS Seminar for Teaching June 30, 2020





Agenda

- Opening remark by Eun J Jung
- Seminar rule by D Kim
- Sharing pre-survey by D Kim
- Panel discussion
 - Experiences with Weekend MBA by MS Pang
 - Experiences with teaching online by YJ Lee and D Kim
 - Participants' experiences
 - Q& A

세미나 세가지 규칙

- 질문은 언제든지 자유롭게 한다. 즉 질문을 발표가 끝날 때까지 기다리지 마시고, 질문이 있을 때 바로 하시기 바랍니다.
 - 질문 있습니다 하고 말하시거나
 - Raise Hand 아이콘을 누르거나
 - Pollev.com/krais에 질문을 써주셔도 됩니다.
- 세미나 참석자의 경험 공유를 환영합니다.
 - Zoom의 Yes 아이콘을 누르시거나
 - 정은주 교수님께 Zoom 채팅으로 알려주세요
- 세미나 참석자가 먼저 돌아가면서 자기 소개를 한 후, 패널 토의자가 자신의 소개를 하고 발표를 시작한다. 발표는 15분 (질문에 대한 대답시간은 15분에서 제외)
 - 발표시간 5분 그리고 1분 남았을 때 뺨꾸기 소리로 알림
- 레코딩후 KrAIS 웹사이트에 올릴 예정
- 세미나 참석자 포토



Dongmin Kim Panel Discussion

주제: 온라인 티칭 경험 공유

Winter 2020

학부 2과목 (마지막 3주와 시험까지)

- Introduction to MIS
- Business Data Visualization (using Ms Excel and Tableau)

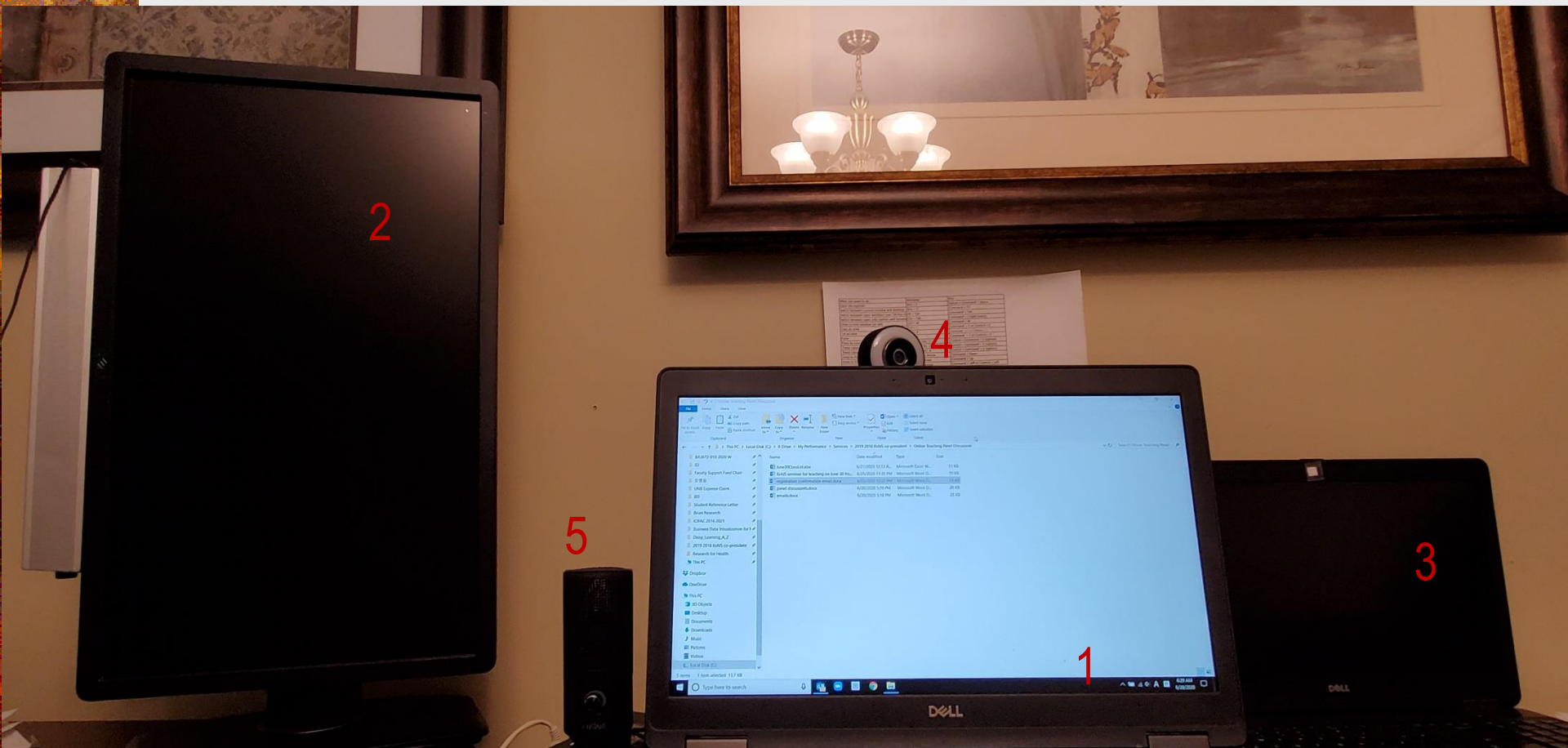
MBA 2섹션 (시작 부터 시험까지)

- Management Information Systems

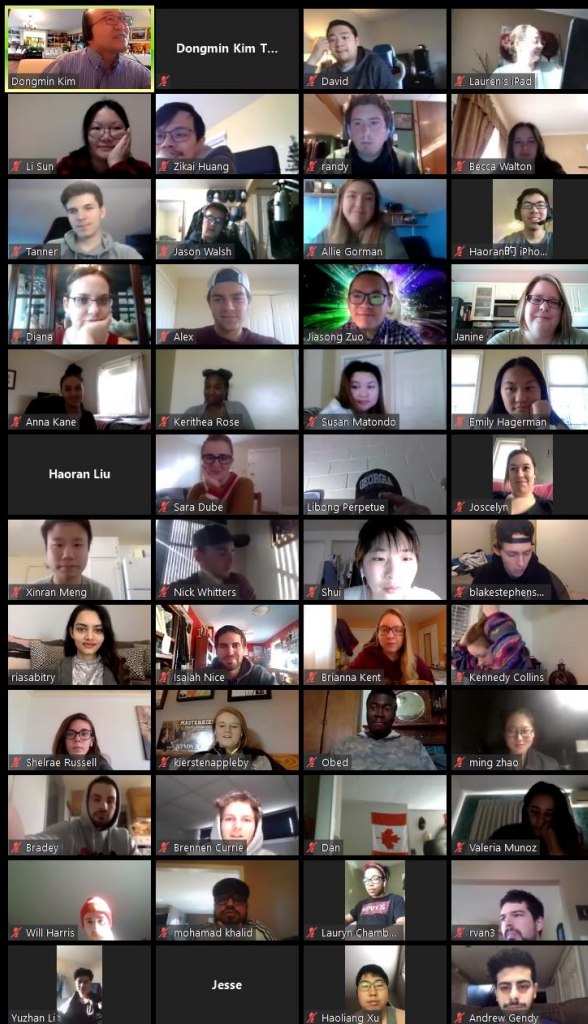
●Agenda

- 사용한 설비
- 어려웠던점과 효과가 좋은 Tools
- 일찍 알았더라면 좋았을 기능 (annotation in zoom)

강의에 사용한 설비



To see students's face and "raise hand"



2

Main Screen for zoom streaming

What is ERP?

1

ERP – What is it?

- ERP is fully integrated off-the-shelf software!
 - software solution that addresses whole **enterprise** needs taking the process view of an organizational goals tightly **integrating all functions** of an enterprise
 - Often force companies to adopt new **business practices**
- ERP allows
 - data sharing** b/w different systems (modules).
 - joint execution of business processes** among different systems (modules).

4

To check what students see

Zoom



What is ERP?

ERP – What is it?

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 - software solution that addresses whole **enterprise** needs taking the process view of an organizational goals tightly **integrating all functions** of an enterprise
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- ERP allows
 - data sharing** b/w different systems (modules).
 - joint execution of business processes** among different systems (modules).

3

[Your Account](#) › [Your Orders](#)

Your Orders

 Search all orders

Search Order

Orders

Buy Again

Open Orders

Cancelled Orders

29 orders placed in

the past six months ▾

ORDER PLACED
March 17, 2020

TOTAL
CDN\$ 44.99

SHIP TO
Dongmin Kim ▾

ORDER # 701-5906296-962825

[Order Details](#) | [Invoice](#)

Delivered Mar 20, 2020



FIFINE USB Microphone,Recording Microphone For Laptop MAC/Windows,Ideal for Vocals,Voice Overs,Streaming Broadcast And YouTube Videos.(669B)

Return window closed on May 31, 2020

CDN\$ 44.99



Buy it again

Ask a Product-Related Question

Write a product review

Archive order

ORDER PLACED
March 28, 2020

TOTAL
CDN\$ 96.53

SHIP TO
Dongmin Kim

ORDER # 701-9373262-2313040
[Order Details](#) | [Invoice](#)

Delivered Apr 2, 2020

CanadianStudio Photo Studio 5' x 7' Collapsible Flex-Out Green/Blue Chromakey Twist Double Sided pop-Out 100% Muslin Backdrop Background Reflector

Return window closed on May 31, 2020

CDN\$ 79.95

Buy it again

Get product support

Ask a Product-Related Question

Write a product review

Archive order

ORDER PLACED
March 27, 2020

TOTAL
CDN\$ 117.62

SHIP TO
Dongmin Kim

ORDER # 701-8734219-2911426
[Order Details](#) | [Invoice](#)

Delivered Mar 31, 2020

PICTEK Gaming Mouse Wired [7200 DPI] [Programmable] [Breathing Light] Ergonomic Game USB Computer Mice RGB Gamer Desktop Laptop PC Gaming Mouse, 7 Buttons for Windows 7/8/10/XP Vista Linux, Black

Return window closed on May 31, 2020

CDN\$ 19.99

Buy it again

Write a product review

Archive order

VicTsing 2.4G Wireless Mouse, [Update to Latest Version] 6 Buttons, Nano Receiver, 15 Month Battery Life, 2400 DPI 5 Adjustment Levels Replacement for Laptop Computer (Black)

Return window closed on May 31, 2020

CDN\$ 13.59

RPA UiPATH

Kaggle

Health Care

AI

Tableau

BlockChain

MATLAB 및 Simulin...

Excel

Self disruption: Net...

Building a word clo...

Microsoft Edge

Microsoft Word

Microsoft Excel

Microsoft PowerPoint

Google Chrome

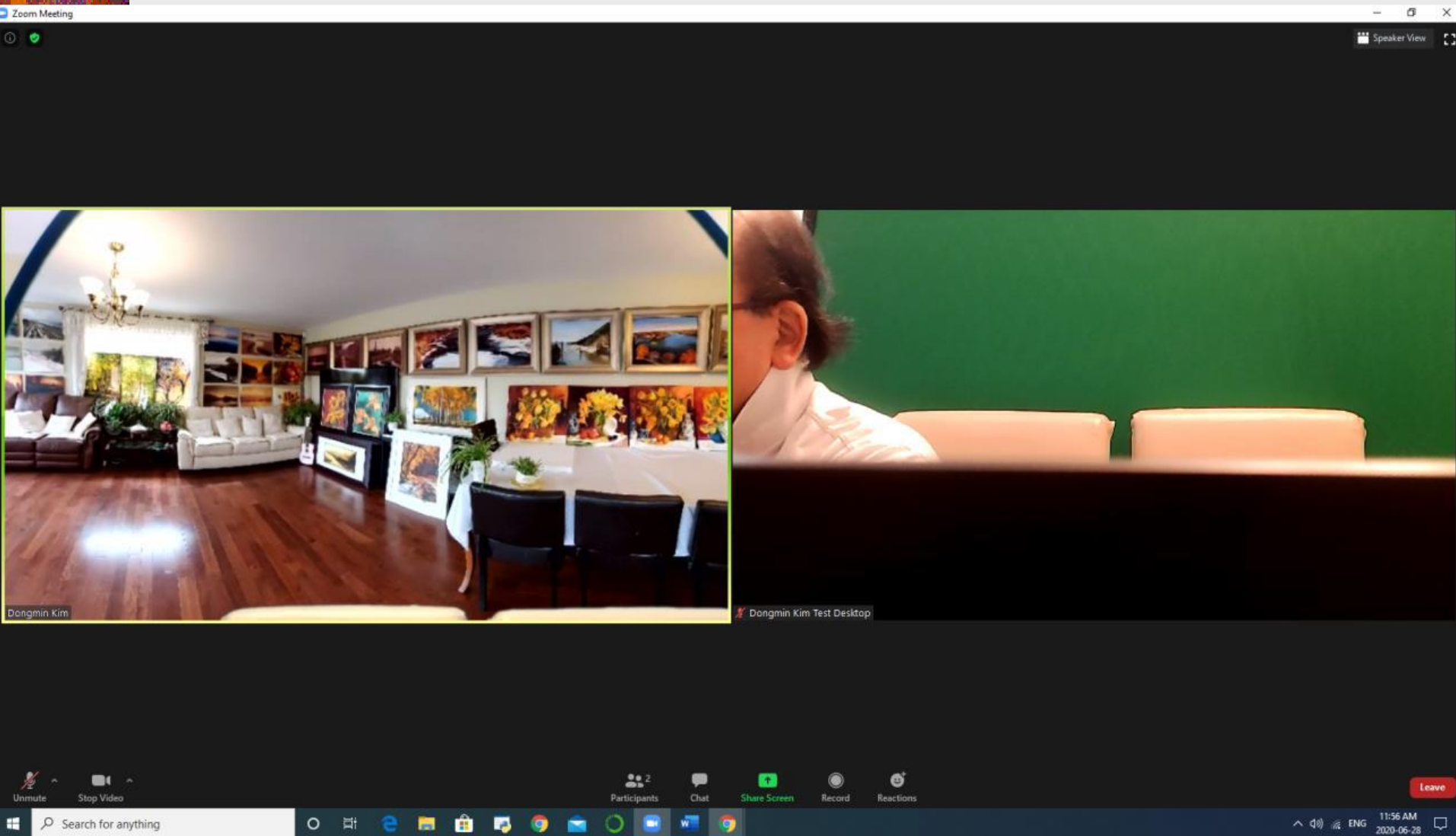
File Explorer

Outlook

Zoom

System tray icons

Green screen for background image

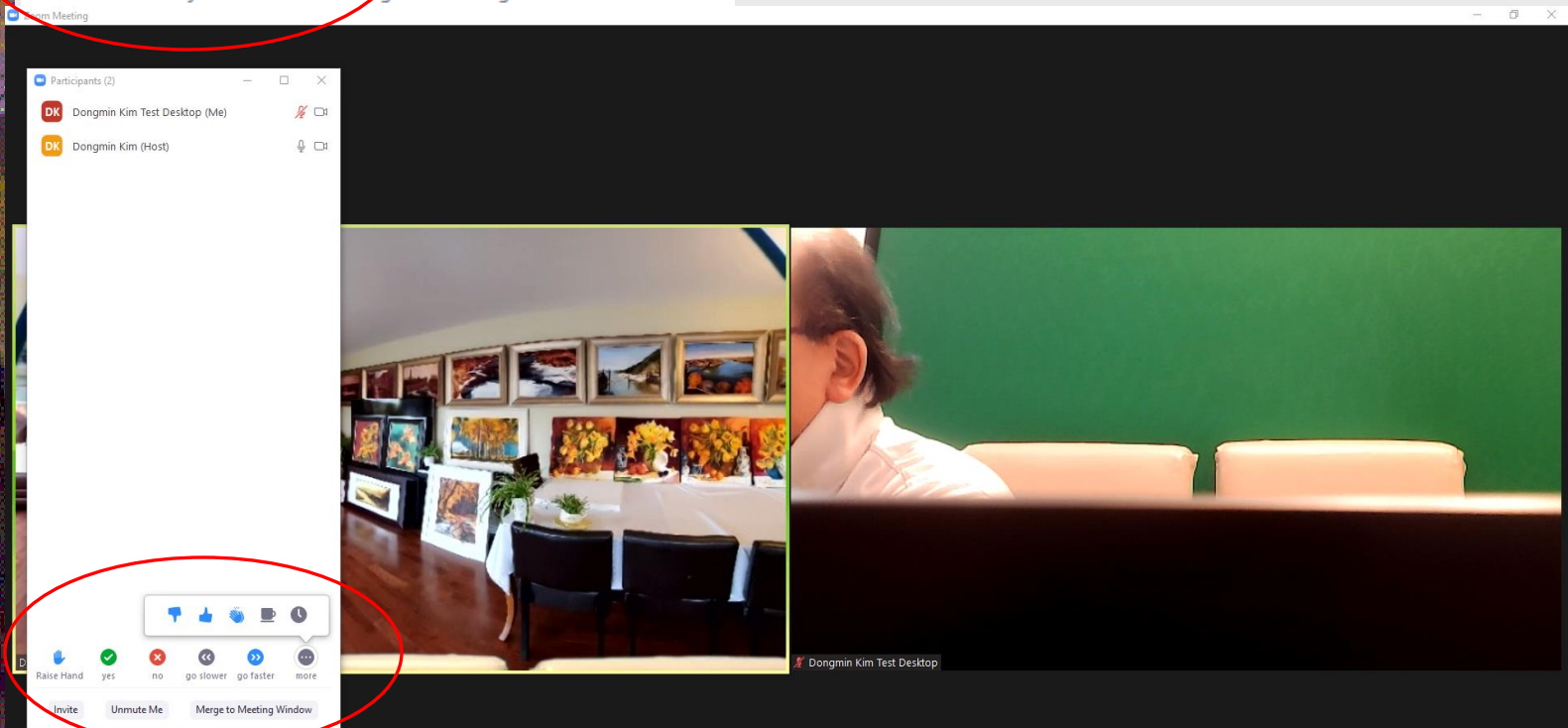
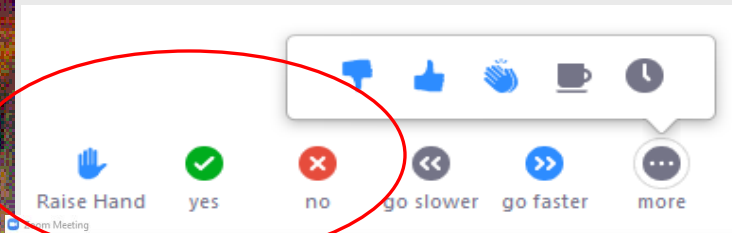




학생들 반응을 바로 알기 힘들

- Joke를 하면 웃는지? 강의 내용이 이해하고 있는지?
- 강의에 집중을 하는지 유튜브를 보거나 다른 과목 숙제를 하고 있는지?
- zoom participants' 창에 yes no raise hand 등으로 대답하게 함 (예: 엑셀 파일을 다운 받아서 워크 시트를 보고 있는지?)
- 학생들 의견을 묻거나, 간단한 복습 문제 1-2개를 중간 중간 넣음
 - Poll Everywhere
- 그때 그때 상황은 알기가 어려우므로 매 수업마다 제출해야 하는 Activity를 한 두가지 준비해서, 수업 시작할 때 미리 알려줌.
 - D2L Bright Space 의 Assignment Folder에 제출 하게함: 출석 체크용, 또는 참여점수 측정용

zoom participants' 창에 yes no raise hand 등으로 interaction 시도

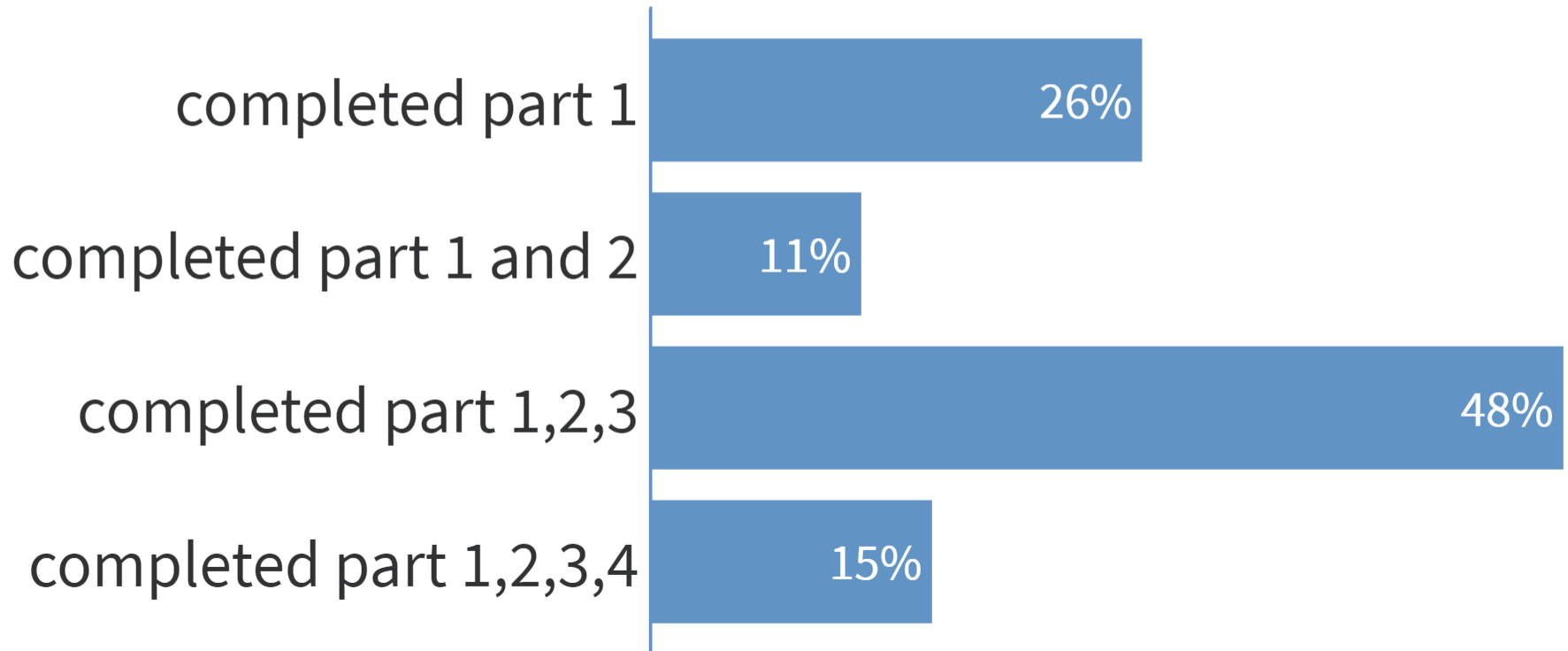




Poll Everywhere를 이용해 학생들 의견을
묻거나, 간단한 복습 문제 1-2개를 넣음

Respond at **PollEv.com/krais**

Your progress





Poll Everywhere: Open Question

📄 Respond at **PollEv.com/krais**

💬 Text **KRAIS** to **22333** once to join, then text your message

Can you guess what Coke and Pepsi did when ABC company start producing Nutrasweet?

“ask for some samples”

“They find another supplier”

“Started communicating and negotiating prices with them”

“Reduce cost”

“Long term contract”

“start to collaborate w”

“Publish new product”

“They start bargaining with old suppliers”

“start bargaining with monsanto”

“Reduced their prices and started aggressive marketing”

“Purchased from ABC more .”

“terminate their contract with Monsanto and establish a longterm contract with ABC company”

“Long term contract”

“They asked Monsanto to lower their price”

“Use that to bargain with existing supplier”

“switched supplier”

“reduce cost”

“Newvpartnershin with nutrasweet”

“They trv to find more suppliers”

“decrease the volume”

Poll Everywhere: Brian Storming

Respond at PollEv.com/krais

What are your best ideas? You can vote on the ideas submitted. What you liked in the money ball

Top



Poll Everywhere: Visual Question

Respond at [Pollev.com/krais](https://pollev.com/krais)

Press **Esc** to exit full screen

Click a primary key of each table.

Example: Small-Town Book Store

| Customer | |
|----------|----------|
| cus-num | name |
| 100 | Poulos |
| 114 | Simmons |
| 115 | Thompson |

| Book | |
|-----------|-------------|
| book-code | title |
| GW4-5 | Blazing Sun |
| BS7-8 | Bright Star |
| PQ1-2 | Cattle Run |
| PQ1-3 | Cattle Skip |

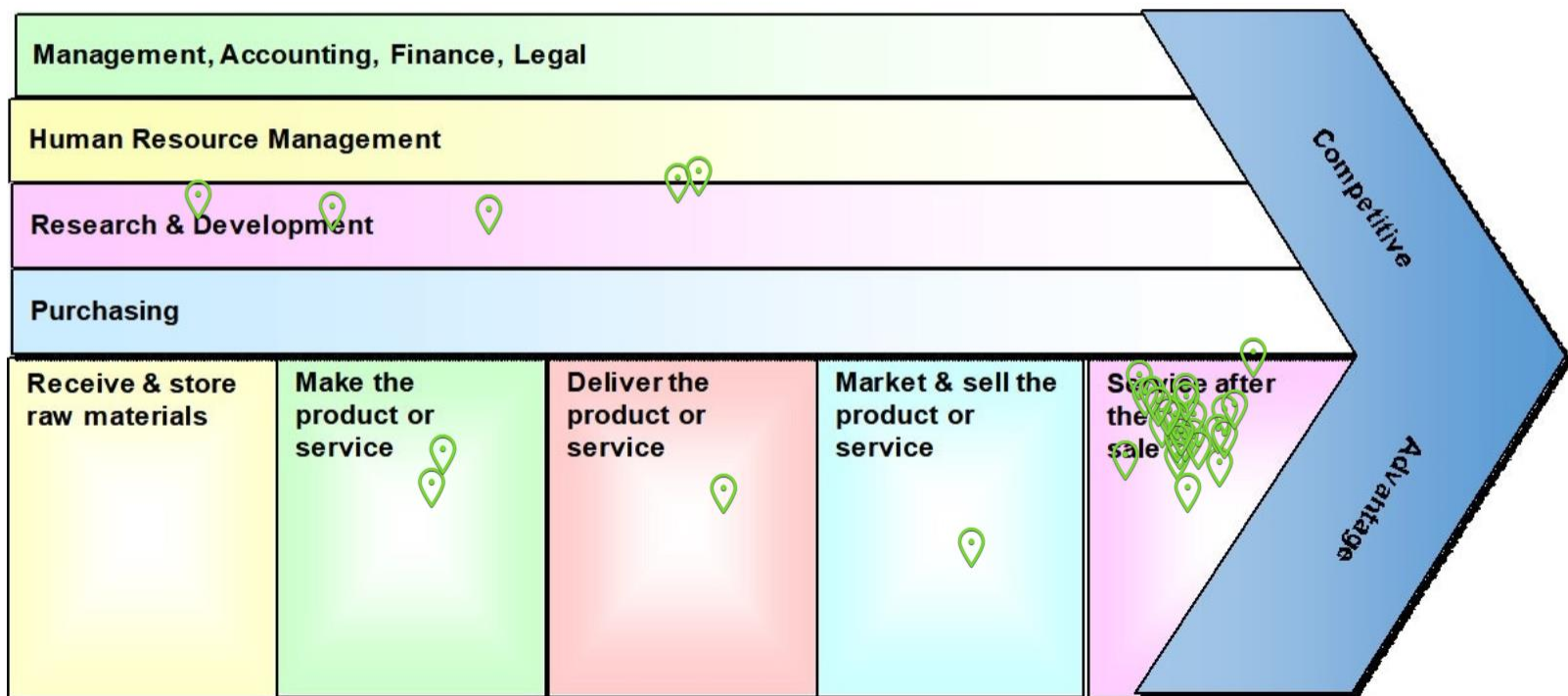
| Purchase | | | |
|----------|---------|-----------|---------|
| orderN | cus-num | book-code | date |
| 1 | 114 | BS7-8 | 9/16/01 |
| 2 | 100 | GW4-5 | 9/17/01 |
| 3 | 114 | PQ1-3 | 9/17/01 |
| 4 | 114 | GW4-5 | 9/17/01 |
| 5 | 115 | PQ1-2 | 9/17/01 |
| 6 | 100 | BS7-8 | 9/18/01 |

primary keys?
foreign keys?

Poll Everywhere: Visual Voting

Respond at PollEv.com/krais

What activity is the highest added value activity for the customer who uses an elevator in the movie?

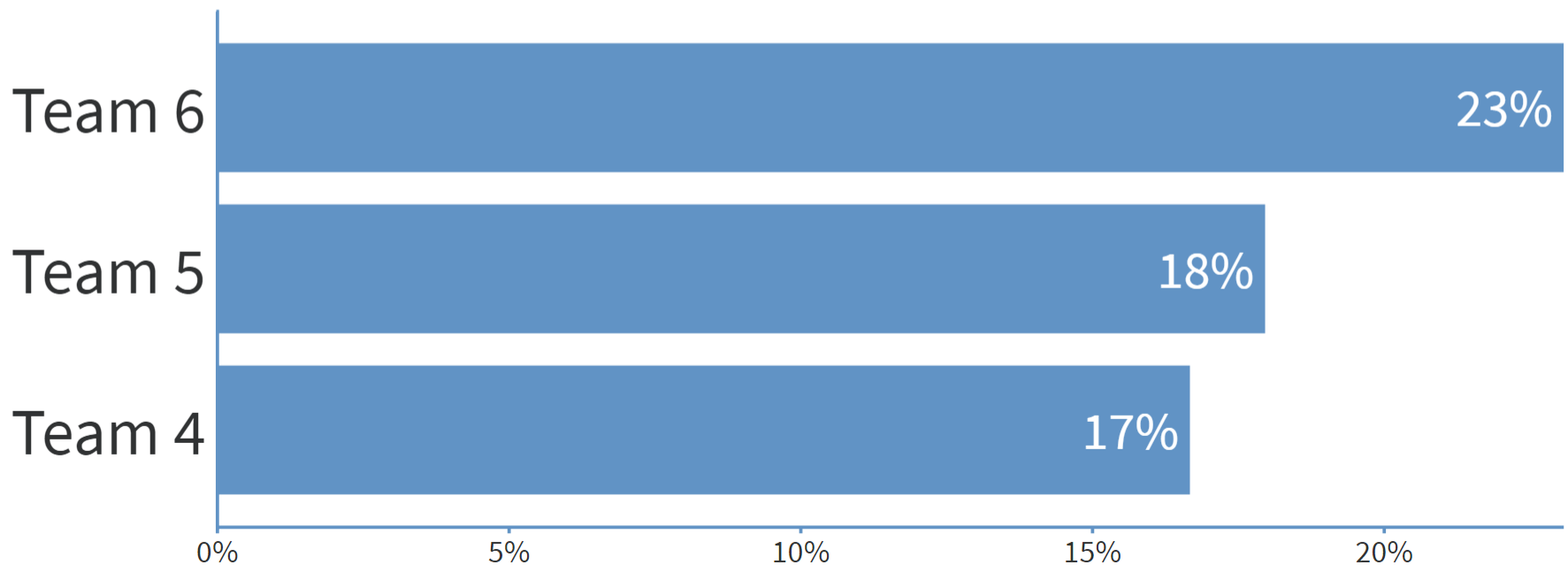


Poll Everywhere: Voting the top 3

Shows only top 3 out of 6 teams

 **Poll locked.** Responses not accepted.

Vote for your favorite three teams. We'll show the top three



Poll Everywhere: simple and fast poll creation tool/ rich functionalities / using smart phones so students can use it with zoom concurrently

Browser tabs: Inbox (7,834) - kimdongmin@gm... x | Your Orders x | Vote for your favorite three team... x | Classroom response system | Poll... x

Address bar: polleverywhere.com/plans/higher-ed

Bookmarks: 2019Dec, ER, ERDPlus, RPA UiPATH, Kaggle, Health Care, AI, Tableau, BlockChain, MATLAB 및 Simul..., Excel, Self disruption: Net..., Building a word clo..., Other bookmarks

Navigation: Poll Everywhere, Solutions, Pricing, Apps, Resources, Enterprise

Buttons: My polls, Log out

Filters: Business & non-profit, Higher education, K-12, One-time use

Higher education plans

To upgrade your plan, please contact the account owner.

| | Higher ed free | Student pays | Individual instructor | Department-wide | University-wide |
|---------------------------|----------------|------------------------------|-----------------------|-----------------|-----------------|
| | Free | \$13.99 year per student | \$349 per semester | \$2,500+ | \$10,000+ |
| Unlimited questions ⓘ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Audience Size ⓘ | 40 | Limit based on class-size | 700 | 700+ | Custom |
| Support ⓘ | FAQ (?) | Email (?) | Email (?) | Phone (?) | Dedicated (?) |
| Reporting and analytics ⓘ | - | ✓ | ✓ | ✓ | ✓ |
| Student registration ⓘ | - | ✓ | ✓ | ✓ | ✓ |

Help ⓘ

Windows taskbar: Type here to search, 9:55 PM 6/29/2020

D2L Bright Space 의 Assignment Folder에 매 클래스 마다 수업을
듣고 클래스 시간 내에 무언가를 제출 하게함: 즉 학생들 상황을
파악 하기 어려우므로 제출 결과로 판단. 학생들이 수업에
집중하게하는 효과가 있었음

Browser tabs: Inbox (7,833) - kimdongmin, Your Orders, Vote for your favorite three t..., Classroom response system, myUNB Portal Home, Assignments - 2020WI_BA_2611_SJ02B

Address bar: lms.unb.ca/d2l/lms/dropbox/admin/folders_manage.d2l?ou=166698&dst=1

Course ID: 2020WI_BA_2611_SJ02B

User: DK Dongmin Kim

Navigation: Course Home, Content, Assessments, Communication, Resources, Edit Course, Help

Assignments

Buttons: New Folder, Edit Categories, More Actions

Bulk Edit

| <input type="checkbox"/> | Folder | New Submissions | Completed | Evaluated | Feedback Published | Due Date |
|--------------------------|---|-----------------|-----------|-----------|--------------------|----------|
| | No Category | | | | | |
| <input type="checkbox"/> | Jan 23 in-class submission Column Chart ▾ | 61 | 30/32 | 0/32 | 0/32 | |
| <input type="checkbox"/> | Jan 30 Waterfall Radar DoughNut ▾ | 38 | 29/32 | 0/32 | 0/32 | |
| <input type="checkbox"/> | Feb 6 Revising chart 1% Bonus ▾ | 31 | 29/32 | 0/32 | 0/32 | |

System tray: Type here to search, Taskbar icons (Outlook, Teams, Chrome, File Explorer, Word, Excel, PowerPoint, etc.), Date/Time: 10:44 PM 6/29/2020

D2L Bright Space 의 Assignment Folder에 매 클래스 시간중에 무언가를 제출 하게함: 출석 체크용, 또는 참여점수 측정용으로 사용 가능

Browser tabs: Inbox (7,833) - kimdongmin, Your Orders, Vote for your favorite three t..., Classroom response system, myUNB Portal Home, Jan 23 in-class submission Co...

Address bar: lms.unb.ca/d2l/lms/dropbox/admin/mark/folder_submissions_users.d2l?db=46321&ou=166698&d2l_change=0

Course: 2020WI_BA_2611_SJ02B

Navigation: Course Home, Content, Assessments, Communication, Resources, Edit Course, Help

Jan 23 in-class submission Column Chart - Folder Submissions

Buttons: Edit Folder, Email Users Without Submissions, Add Feedback Files, Submission Log

Filters:

- View By: User (Apply)
- Search For: [Search For...]
- Search In: ☒ First Name ☒ Last Name
- Submissions: **Users without submissions** (circled in red)
- ☐ Users who are exempt
- ☐ Only show users with unread submissions
- ☐ Last Submission after: 6/22/2020 10:45 PM Now (Canada - Halifax)
- ☐ Last Submission before: 6/29/2020 10:45 PM Now (Canada - Halifax)
- ☐ Late Submissions
- Feedback: Show everyone

2 Search Results [Clear Search](#)

Actions: Email, Publish Feedback

| <input type="checkbox"/> | First Name, Last Name | Submission Date | Delete |
|---|-----------------------|-----------------|--------------------------|
| <input type="checkbox"/> | Dongmin Kim | | Evaluate |
| <input type="checkbox"/> (circled in red) | Heather Pond | | Evaluate |

20 per page

Windows taskbar: Type here to search, 10:46 PM 6/29/2020

시험시에는 학교에서 툴을 제공하지 않아, 학생들이 자유롭게 copy and paste를 해도 방지할 수 없었던게 어려웠습니다

- 부정행위를 어렵게 하기 위한 노력
 - 오픈북 테스트로 전환 D2L Bright Space (문제 형식도 객관식 보다 주관식으로 mostly open / short answer questions)
 - 시험시간을 보통 때 보다 짧게 주어 학생간 도움을 주고 받는 것을 줄임:
 - 100분이나 90분에 끝내면 보너스 점수 10% 점수를 올려줌(즉 10분 더해도 얻기 힘든 큰 점수를 보너스로 주어 자발적으로 90분에 제출 하게 하여 학생 불만을 줄임) (과거: 크로즈드 북 180분)
 - Excel시험은 Excel Macro를 이용, 처음에 이름을 넣으면 이름과 입력 시간이 변경불가능한 쉬트에 기록 되게 하여 다른 학생이 돕는 것을 어렵게 함
- 가을 학기 부터는 학교에서 copy and paste가 불가능한 tool 제공예정 (예: Respondus lock down browser)

Excel 시험: 이름을 쓰고 다음셀로 옮기면 이름과 현재 시간이 첫번째 쉬트에 기록됨 (VBA를 사용. 첫번째 쉬트는 Protected Sheet로 되어 암호를 모르면 변경 불가)

1 BA2611 Final Exam Part 1.xlsx (4).xlsm - Excel

File Home Insert Page Layout Formulas Data Review View Developer Power Pivot Tell me what you want to do... Dongmin Kim Share

Cut Copy Paste Format Painter Clipboard Font Alignment Number Styles Cells Editing

Calibri 11 A A Wrap Text Merge & Center General \$ % , . 0 00 00 Conditional Formatting Table Normal Bad Good Neutral Calculation Check Cell

AutoSum Fill Clear Sort & Filter Find & Select

C3 Student Number:

| | C | D |
|---|---|---|
| 1 | Write Your Name and Student Number below | Write today's date (MM/DD/YY) below |
| 2 | Name: John Do | Date: |
| 3 | Student Number: | |
| 4 | | |
| 5 | Description | Write a desirable chart type, which description on the left (1 point each) |
| 6 | By adding visual cues (color or icon) into a table... | |
| 7 | When you have just one or two numbers to share... | |
| | A variation of stacked column chart. | |
| | Show how the starting position ends up being the | |

Microsoft Excel

Check Your Name Sheet to see your name and current time

OK

0. Your Name 1. Selecting Chart (5 points) 2 Shortcuts (14 points) 3. Cursor (4 points) 4. Sum (6 points) 5. Sl ...

Ready Type here to search

11:24 PM 6/29/2020

Excel 시험: 첫번째 쉬트에 가면 이름을 넣을 때 마다 이름과 시간이 기록되어, 다른 학생이 한 파일을 자기것이라고 주장하기 힘들. 시험 5분 이내에 이름쓴 파일을 제출하게 함. 매 30분 마다 작업한 파일을 제출하게 하면 더 완벽할 듯

1 BA2611 Final Exam Part 1.xlsx (4).xlsm - Excel

File Home Insert Page Layout Formulas Data Review View Developer Power Pivot Tell me what you want to do... Dongmin Kim Show

Clipboard Font Alignment Number Styles Cells Editing

Normal Bad Good Neutral Calculation Check Cell

AutoSum Fill Clear Sort & Filter Find & Select

A1

| | A | B | C | D | E | F | G | H | I |
|----|---|---|---|---|---|---------------------------|-----------------|---|---|
| 1 | | | | | | 5 | | | |
| 2 | | | | | | Name: BA2611 W Final Exam | 4/22/2020 1:50 | | |
| 3 | | | | | | Name: | 4/22/2020 1:50 | | |
| 4 | | | | | | Name: John Do | 6/29/2020 23:25 | | |
| 5 | | | | | | Name: John Do | 6/29/2020 23:26 | | |
| 6 | | | | | | Name: Mary Do | 6/29/2020 23:26 | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |

0. Your Name

Selecting Chart (5 points) | 2 Shortcuts (14 points) | 3. Cursor (4 points) | 4. Sum (6 points) | 5. S...

Ready Type here to search

11:27 PM 6/29/2020

Zoom에서 일찍 알았더라면 좋았을 기능:

학생 스크린 웨어시 Annotation기능을 이용해 학생 스크린에 표시가
가능함. 학생 문제 해결을 위한 Communication이 좋아짐.

The screenshot shows a Microsoft Excel spreadsheet titled "C1 KeyboardShortcuts.xlsx" in the background. The spreadsheet contains a table with monthly sales data for January through June. The table has columns for "Jan Sales", "Jan Total", "Feb Sales", "Feb Total", "Mar Sales", "Mar Total", "Apr Sales", "Apr Total", "May Sales", "May Total", and "Jun Sales". The "Apr Total" column is highlighted in yellow. A Zoom overlay menu is visible in the foreground, with the "Annotate" option circled in red. The menu also includes options like "Zoom Ratio", "Hide Video Panel", "Request Remote Control", "Exit Full Screen", "Follow Presenter's Pointer", "Side-by-side mode", and "Stop Participant's Sharing". The Zoom status bar at the top indicates "You are viewing Dongmin Kim Test Desktop's screen".

| Calculate Total Sales of Each Month: Jan Total - Jun Total at Yellow Cells | | | | | | | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Jan Sales | Jan Total | Feb Sales | Feb Total | Mar Sales | Mar Total | Apr Sales | Apr Total | May Sales | May Total | Jun Sales |
| 4 | 565 | | 926 | | 387 | | 563 | | 563 | | 719 |
| 5 | 719 | | 373 | | 657 | | 719 | | 719 | | 477 |
| 6 | 477 | | 537 | | 811 | | 477 | | 601 | | 601 |
| 7 | 601 | | 387 | | 373 | | 601 | | 773 | | 601 |
| 8 | 773 | | 657 | | 537 | | 773 | | 926 | | 773 |
| 9 | 926 | | 811 | | 387 | | 926 | | 373 | | 926 |
| 10 | 373 | | 373 | | 373 | | 373 | | 537 | | 373 |
| 11 | 537 | | 537 | | 537 | | 537 | | 387 | | 537 |
| 12 | 387 | | 387 | | 387 | | 387 | | 387 | | 387 |
| 13 | 657 | | 657 | | 657 | | 657 | | 657 | | 657 |
| 14 | 811 | | 811 | | 811 | | 811 | | 811 | | 811 |
| 15 | 704 | | 704 | | 704 | | 704 | | 704 | | 926 |
| 16 | 353 | | 353 | | 353 | | 353 | | 353 | | 373 |
| 17 | 875 | | 875 | | 875 | | 875 | | 875 | | 537 |
| 18 | 866 | | 866 | | 866 | | 866 | | 866 | | 387 |
| 19 | 989 | | 989 | | 989 | | 989 | | 989 | | 387 |
| 20 | 907 | | 907 | | 907 | | 907 | | 907 | | 657 |
| 21 | 771 | | 771 | | 771 | | 771 | | 771 | | 771 |
| 22 | 581 | | 581 | | 581 | | 581 | | 581 | | 581 |
| 23 | 308 | | 308 | | 308 | | 308 | | 308 | | 308 |
| 24 | 370 | | 370 | | 370 | | 370 | | 370 | | 370 |
| 25 | 950 | | 950 | | 950 | | 950 | | 950 | | 950 |
| 26 | 715 | | 715 | | 715 | | 715 | | 715 | | 715 |
| 27 | 847 | | 847 | | 847 | | 847 | | 847 | | 847 |
| 28 | 930 | | 930 | | 930 | | 930 | | 930 | | 930 |
| 29 | 755 | | 755 | | 755 | | 755 | | 755 | | 755 |
| 30 | 861 | | 861 | | 861 | | 861 | | 861 | | 861 |
| 31 | 477 | | 477 | | 477 | | 477 | | 477 | | 477 |
| 32 | 707 | | 707 | | 707 | | 707 | | 707 | | 707 |
| 33 | 504 | | 504 | | 504 | | 504 | | 504 | | 504 |
| 34 | 670 | | 670 | | 670 | | 670 | | 670 | | 670 |
| 35 | 540 | | 540 | | 540 | | 540 | | 540 | | 540 |
| 36 | 735 | | 735 | | 735 | | 735 | | 735 | | 735 |
| 37 | 413 | | 413 | | 413 | | 413 | | 413 | | 413 |
| 38 | 925 | | 925 | | 925 | | 925 | | 925 | | 925 |

Zoom에서 일찍 알았더라면 좋았을 기능:

학생 스크린 쉐어시 Annotation기능을 이용해 학생 스크린에 표시가 가능함. 학생 문제 해결을 위한 Communication이 좋아짐.

The screenshot shows a Microsoft Excel spreadsheet titled 'C1 KeyboardShortcuts.xlsx'. The spreadsheet displays sales data for various months, with columns for Jan, Feb, Mar, Apr, May, and Jun. The 'Jan Total' cell is highlighted in yellow and circled in red. A blue arrow points to this cell. The 'Annotation' toolbar is also highlighted in red, showing icons for Mouse, Text, Draw, Stamp, Arrow, Eraser, Format, Undo, Redo, Clear, and Save. The spreadsheet data is as follows:

| Calculate Total Sales of Each Month: Jan Total - Jun Total at Yellow Cells | | | | | | | | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Jan Sales | Jan Total | Feb Sales | Feb Total | Mar Sales | Mar Total | Apr Sales | Apr Total | May Sales | May Total | Jun Sales | Jun Total |
| 1 | 565 | | 926 | | 387 | | 563 | | 563 | | 563 | |
| 2 | 719 | | 373 | | 657 | | 719 | | 719 | | 719 | |
| 3 | 477 | | 537 | | 811 | | 477 | | 601 | | 477 | |
| 4 | 601 | | 387 | | 373 | | 601 | | 773 | | 601 | |
| 5 | 773 | | 657 | | 537 | | 773 | | 926 | | 773 | |
| 6 | 926 | | 811 | | 387 | | 926 | | 373 | | 926 | |
| 7 | 373 | | 373 | | 373 | | 373 | | 537 | | 373 | |
| 8 | 537 | | 537 | | 537 | | 537 | | 387 | | 537 | |
| 9 | 387 | | 387 | | 387 | | 387 | | 387 | | 387 | |
| 10 | 657 | | 657 | | 657 | | 657 | | 657 | | 657 | |
| 11 | 811 | | 811 | | 811 | | 811 | | 811 | | 811 | |
| 12 | 704 | | 704 | | 704 | | 704 | | 704 | | 926 | |
| 13 | 353 | | 353 | | 353 | | 353 | | 353 | | 373 | |
| 14 | 875 | | 875 | | 875 | | 875 | | 875 | | 537 | |
| 15 | 866 | | 866 | | 866 | | 866 | | 866 | | 387 | |
| 16 | 989 | | 989 | | 989 | | 989 | | 989 | | 387 | |
| 17 | 907 | | 907 | | 907 | | 907 | | 907 | | 657 | |
| 18 | 771 | | 771 | | 771 | | 771 | | 771 | | 771 | |
| 19 | 581 | | 581 | | 581 | | 581 | | 581 | | 581 | |
| 20 | 308 | | 308 | | 308 | | 308 | | 308 | | 308 | |
| 21 | 370 | | 370 | | 370 | | 370 | | 370 | | 370 | |
| 22 | 950 | | 950 | | 950 | | 950 | | 950 | | 950 | |
| 23 | 715 | | 715 | | 715 | | 715 | | 715 | | 715 | |
| 24 | 847 | | 847 | | 847 | | 847 | | 847 | | 847 | |
| 25 | 930 | | 930 | | 930 | | 930 | | 930 | | 930 | |
| 26 | 755 | | 755 | | 755 | | 755 | | 755 | | 755 | |
| 27 | 861 | | 861 | | 861 | | 861 | | 861 | | 861 | |
| 28 | 477 | | 477 | | 477 | | 477 | | 477 | | 477 | |
| 29 | 707 | | 707 | | 707 | | 707 | | 707 | | 707 | |
| 30 | 504 | | 504 | | 504 | | 504 | | 504 | | 504 | |
| 31 | 670 | | 670 | | 670 | | 670 | | 670 | | 670 | |
| 32 | 540 | | 540 | | 540 | | 540 | | 540 | | 540 | |
| 33 | 735 | | 735 | | 735 | | 735 | | 735 | | 735 | |
| 34 | 413 | | 413 | | 413 | | 413 | | 413 | | 413 | |
| 35 | 925 | | 925 | | 925 | | 925 | | 925 | | 925 | |

Word Puzzle

What are topics of this course?

<http://www.billsgames.com/hangman/>

Unlike in wheel of fortune you can use vowels too

Split students into two teams

Team 1: Last name starting with A ~ M

Team 2: Last name starting with N ~ Z, others

Anyone in your group can post a letter on chat in zoom

Prize for the winning team: 2 Choco points



Choco point



1 Choco point = 0.1% of course (or 3.3% of assignment 1) and later you can receive actual chocolate when corona virus is gone.

- If you receive Choco point, please complete a Choco point form and submit it to the assignments folder (name: Choco point)
- When can you receive Choco point?
 - Volunteering class activities
 - Serve as a presenter for your group during class discussion
 - Serve as a slide writer for your group during class discussion
 - Sever as a class tutor