



USING TECHSMITH CAPTURE VIDEO TO ANALYZE A STUDENT'S INFORMATION SEEKING BEHAVIORS

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WHAT I DID BEFORE SPRING 2020, LIB100

- Students conducted their research
- Students provided written explanations of
 - Where they searched,
 - How they searched, and
 - How they selected 2 scholarly peer-reviewed articles

LIB 100 Research Log & Synthesis

For this assignment, you will design, implement, and record **3 separate search strategies** to locate **relevant, scholarly (peer-reviewed) articles** within the [ZSR Library Databases](#) . You will need to document your database search strategies (keywords used, filters applied, strategies employed) and provide complete written responses to all questions/prompts in this assignment.

Assignment Checklist

To complete this assignment with a passing grade:

- **Record your focused research question** (from research topic proposal) & list 3 associated keywords that are relevant to your research topic.
- **Complete 3 separate searches in [ZSR Library's subject specific databases](#) .**

For each of your 3 database search strategies →

- **Choose an appropriate library database for your chosen topic** . Identify which ZSR Library subject specific database have you selected for this search and *explain why you choose this database*.
 - Use a different database for each search and explain how this database is relevant and appropriate to your research topic.
- **Documenting your successful search strategy** (It may take a few trial and error attempts to find the right keywords/database strategies.):
 - Incorporate *at least one* database search strategy for each of your 3 searches. You may want to incorporate a few different strategies to help narrow or broaden your search:
 - **Boolean operators** (AND, OR, NOT),
 - **Truncation** (ex. child* or educat*)
 - **Phrase searching** → "United States", "higher education", etc.
 - **database filters** → identify any database filters that were applied (year of publication, format type, peer-review, etc).
 - Record the search string used in your search (include relevant keywords/terms and strategies used)
Example: "vegetarian* and motivation and health; I added the scholarly/peer review filter and limited my search results for publications in the last 5 years"
- **# of search results:**
 - Record the number of results you were able to retrieve with this search strategy.
- **2 relevant scholarly/peer-reviewed articles:**
 - Include the bibliographic citations ([in correct APA format](#)) of the **2 most relevant, scholarly/peer-reviewed articles** that you found using this particular search strategy.

THE RESULTS: THE PAIN ENCOUNTERED WHILE GRADING



Endeavored to replicate the students results from their explanations



Incomplete information provided



For 2 students, scheduled 1:1 meetings for the students to further explain or demonstrate how they conducted their search

SPRING 2022

LIB290: INFORMATION LITERACY FOR ENGINEERING



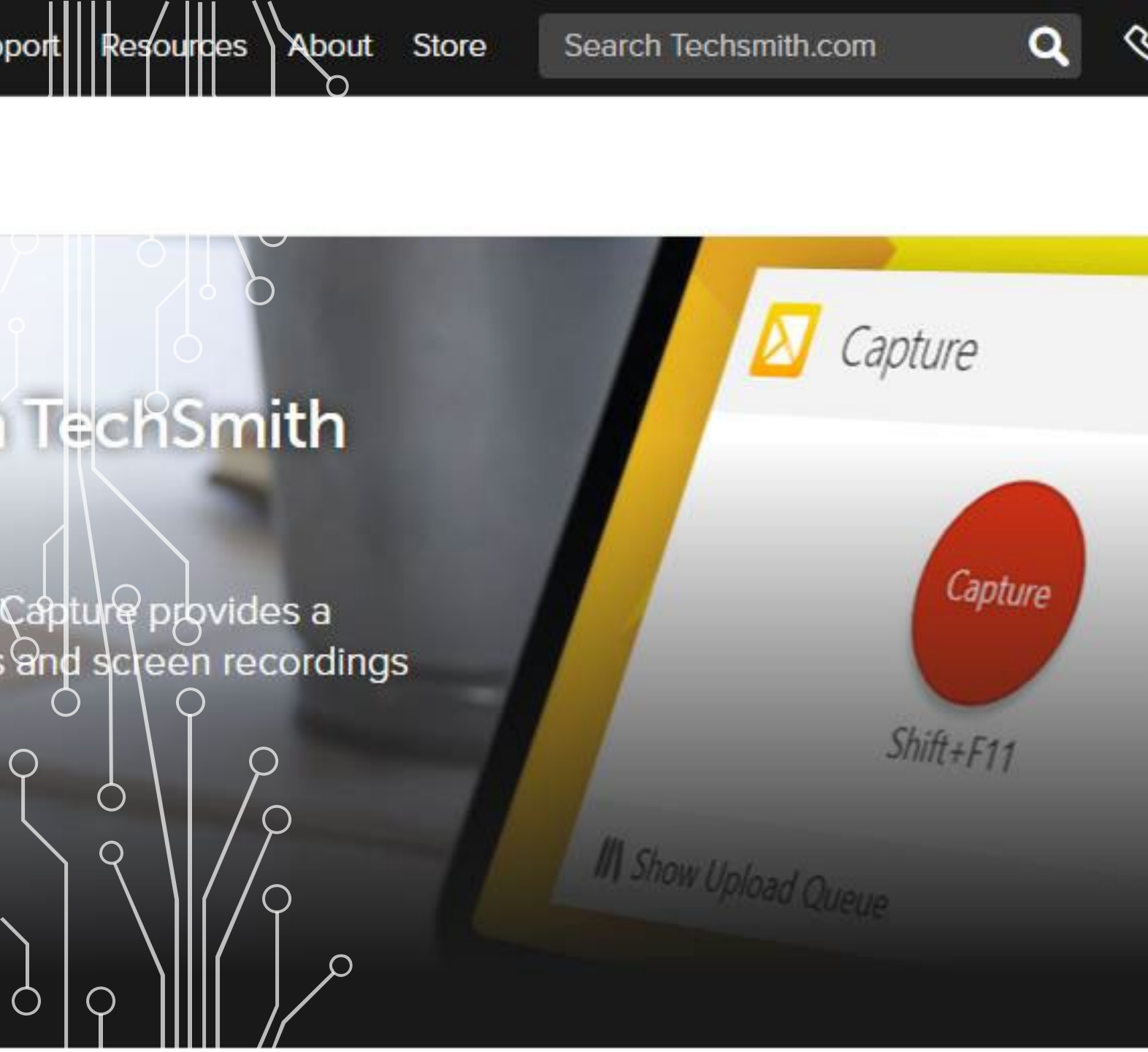
Thought about my own
experiences



Considered “Is there an app,
tool, or software that the
students can use?”



Helloooooooooo my friend
Techsmith Capture
videoooooooo!!!!



WHAT IS TECHSMITH CAPTURE VIDEO?

- Formerly Jing
- Download:
<https://www.techsmith.com/jing-tool.html>
- Tutorials:
<https://www.techsmith.com/learn/tutorials/capture-desktop/capture-app/>

Homework, Week 5 (Building a search string using Boolean operators (AND, OR, and NOT) as well as modifiers (truncation, phrase searching, and grouping)

Denice Lewis

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In class on Monday, February 7th, we reviewed Boolean operators (AND, OR, and NOT) as well as modifiers (truncation, phrase searching, and grouping) and practiced building a search string. The items listed below cover different topics raised during personal research sessions. Pick 2 topics. **NOTE:** Only two students per topic. Identify the main ideas for the topic. Brainstorm keywords. Determine if controlled vocabulary terms exist for the topic (either a Library of Congress subject heading or a MESH subject heading). Create a search string using Boolean operators, truncation, phrase searching, and/or grouping. Test the search string using the advanced search in Primo. Include a link to you conducting the search in Primo on TechSmith Capture. Reflect on the results.

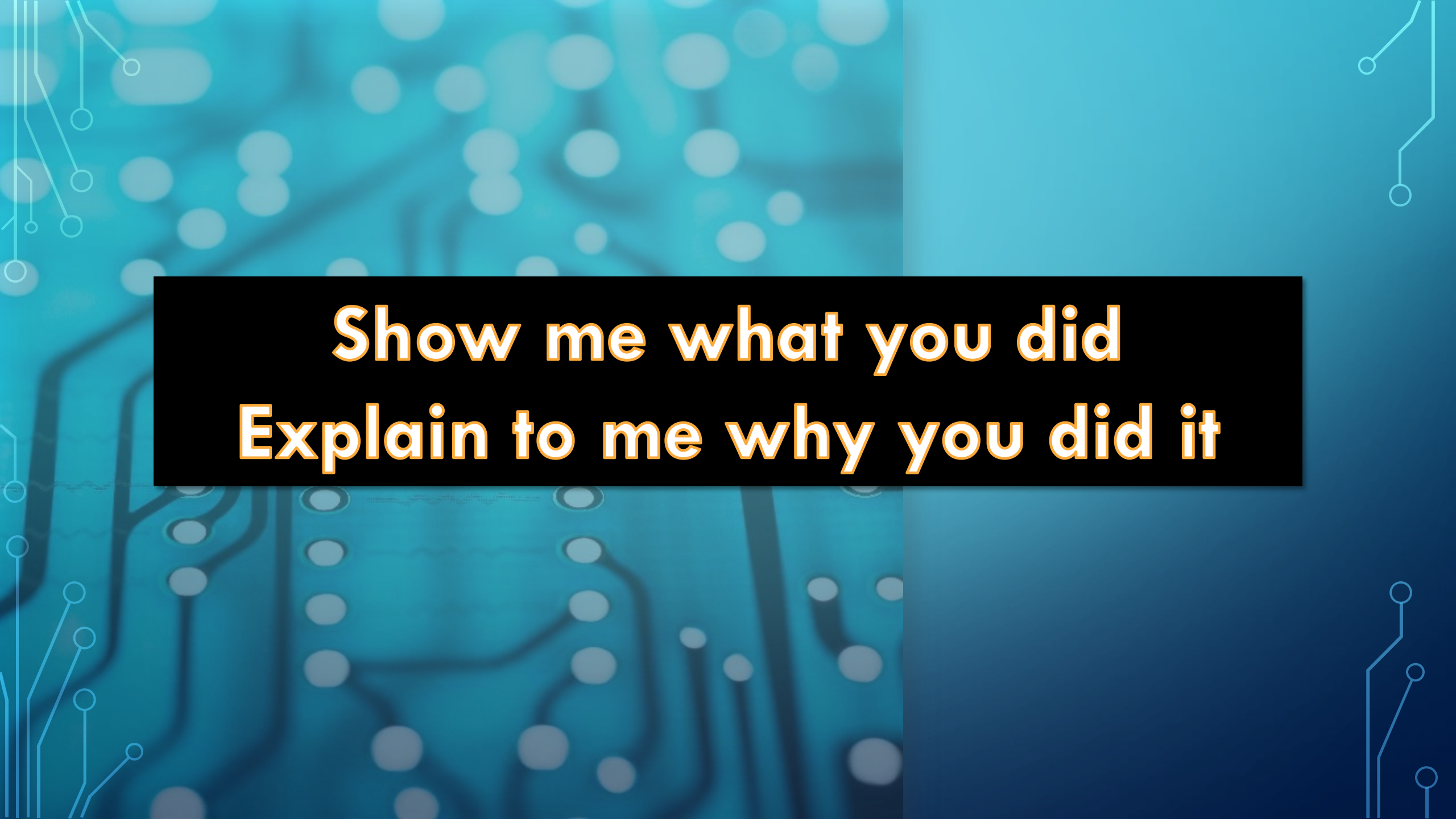
For credit,

- Pick two topics and reply to the topic heading. **NOTE:** Only 2 students per topic! Make sure that you are not the third reply. No credit will be given if two students have already replied.
- In each reply,
 - Identify the main ideas for the topic. If need be, look up the definition of a term(s) using [Word Hippo](#) or another resource e.g. dictionary, encyclopedia.
 - List possible keywords for each of the main ideas
 - List any controlled vocabulary terms that you found searching Library of Congress subject headings or MESH subject headings for each main idea. If you didn't find a controlled vocabulary term, list the terms that you used to search LCSH and MESH.
 - Include the search string you created using Boolean operators, truncation, phrase searching, and/or grouping
 - Include a link to a TechSmith Capture video of you testing the search string in Primo as an [advanced search](#)
 - Reviewing the search results, did you find what you need or are there any changes you would make to the search string?

An example of a reply is shown below and included in the [file](#) . To review the rubric for this assignment, click on the ellipsis in the upper right hand corner and select "Show Rubric".

LIB290: INFORMATION LITERACY FOR ENGINEERING

- Spring 2022
- Demonstrate and explain using Techsmith Capture
 - Search string developed and used
 - Database/tool search
 - Results
- Watch what the student did and heard their explanation
- NO GUESSWORK!

The background is a solid blue color with a faint, stylized circuit board pattern. The pattern consists of white lines and circles, resembling a network or a computer chip. A central black rectangular box contains the text.

Show me what you did
Explain to me why you did it



WHAT ARE THE ADVANTAGES OF USING TECHSMITH CAPTURE VIDEO?

- Use on multiple platforms
e.g. Mac and PC
- Uncover misconceptions
and misunderstandings
- See organically how
students search
- Learn new things



WHAT ARE THE DISADVANTAGES OF USING TECHSMITH CAPTURE VIDEO?

- Time & scalability
- Adoption by ESL students
- Problematic for students with perfectionist tendencies

87% of the homework assignments used Techsmith Capture video

Week #	Homework Title	Techsmith Capture Video?	Short Description
1	Homework, Week 1	Yes	Verify downloaded Techsmith Capture, Zotero, as well as Zotero connector.
2	Choose a tool!	No	
3	Homework, Week 3	Yes	Pre-assessment of how each student would find different resources. Create a folder in Zotero and use Zotero connector to add each resource.
4	Homework, Week 4 (Finding a Library of Congress Subject Heading)	Yes	Find a LCSH for a technical topic.
5	Homework, Week 5 (Building a search string using Boolean operators (AND, OR, and NOT) as well as modifiers (truncation, phrase searching, and grouping)	Yes	Explain how the search string was developed and test search string in Promo. Reflect on search results and edits you would make to the search string.
6	Homework, Week 6 (Additional practice building a search string & conducting a forward and backwards citation search)	Yes	Same as above. Reflect on what changes were made from last week.
7	No homework		
8	Homework, Week 8 Move from a research question/topic to a search string	Yes	Test the search string created in Primo as well as Web of Science. Compare the results.
9	Spring break, no homework		
10	Homework, Week 10 (Grey Literature)	Yes	Find specific grey literature sources for a technical topic. Include search string, the database/tool used, the results, and how the resource was selected.
11	Homework, Week 11 (Patent and Standards)	Yes	Explain how the search string was developed for the selected grand challenge, the database/tool used to search, and how each resource was selected.
12	Homework, Week 12 (Developing a search strategy)	Yes	Pick a research project (based on research projects submitted by other students as pre-work). Explain how the search string was developed for the selected research project and what database/tools were selected. Show testing the search string on the databases/tools identified. Explain how the resources were selected.
13	Homework, Week 13 (Copyright, Fair Use, and Open Access)	Yes	Explain how the search string was devised. Show how you searched and selected each resource.
14	Homework, Week (Data science in an informational literacy context)	Yes	Explain how the search string was developed for the selected grand challenge, the database/tool used to search for text mining, data visualization, and AI, and how each resource was selected from the database/tool for each category.
15	Homework, Week 15 (Synthesizing your research findings)	Yes	Explain how the search string was devised. Show how you searched and selected each resource on each database/tool.
16	Homework, Week 16 (7 Habits of a Lifelong Learner)	No	
17	Post Assessment	Yes	Use the same topic selected in Week 3. Show how you would now select the same resources.

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[HTTPS://ZSR.WFU.EDU/DIRECTORY/DENICE-LEWIS/](https://zsr.wfu.edu/directory/denice-lewis/)

[HTTPS://CALENDLY.COM/LEWISJD/1-HOUR-1-1-MEETING](https://calendly.com/lewisjd/1-hour-1-1-meeting)

