

MSU x Pathlight Belize Coding Club Spring 2023

Week 8
25 March 2023



SIGSOFT



MICHIGAN STATE UNIVERSITY



PATHLIGHT BELIZE

Agenda

10:00 BZT Welcome + Attendance + Temp Check Review

10:05 BZT Icebreaker

10:20 BZT Spotlight

10:30 BZT Discuss requirements, Demo Example Project

10:40 BZT Project Gallery Demo

10:45 BZT Break

10:50 BZT Work on project & assignments

11:50 BZT Stand up, Temperature Check

12:00 BZT Dismiss students

Icebreaker - Share your project

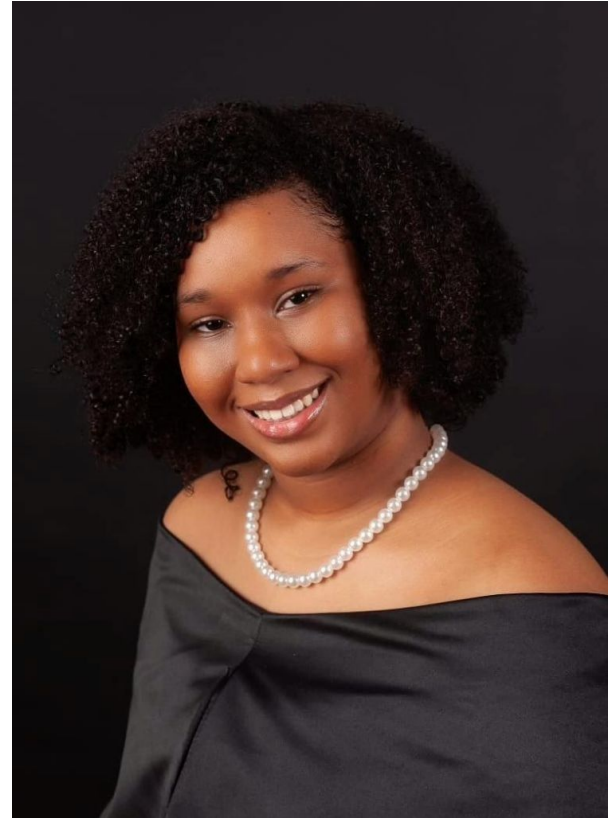
- Why did you choose this topic?
- What challenges did you have while making it?
- What is your favorite part / what successes did you have?
- What would you like to add if you had more time?

If you're not done, that's okay! We still have today to work on it. Just show what you have so far.

Spotlight: Camryn Geban

- Attended:
 - All Saints Anglican Primary School
 - Belize High School
- Now: Pursuing her Associates degree in Health Science (online) at the University of the People

“I have always been interested in technology.”



Final Project - Last day to work!

Be sure to include:

- A title (in the head tags)
- A header (<h1>)
- A description of your website (what is it about?)
- Try to implement at least two of the following: list, table, image, or link

Once you have completed the above tasks, you can spend time adding colors, finding the best images, formatting, and adding anything else!

Final Project Showcase

- Next Saturday, we will hold our last Belize Coding Club meeting.
- During that session, each student will have the opportunity to share their project and talk about their experience with us.
- Follow these steps to get ready for it!

Final Project Showcase

1. Open the Final Project Showcase slides



The screenshot shows a Google Slides presentation titled "Final Projects Showcase" in a web browser. The URL is https://docs.google.com/presentation/d/1ly8B_mQcQqgx1AX9tySmS82K_KxQpwpfYyoNF99M9I0/edit#slide=id.g2093a4c32db_0_0. The browser's address bar shows the URL and the user is logged in as "InPrivate (4)". The presentation's menu bar includes "File", "Edit", "View", "Insert", "Format", "Slide", "Arrange", "Tools", "Extensions", and "Help". The toolbar shows various editing tools and a "Share" button. The slide navigation pane on the left shows a list of 7 slides, with the first slide selected. The main slide area displays the following content:

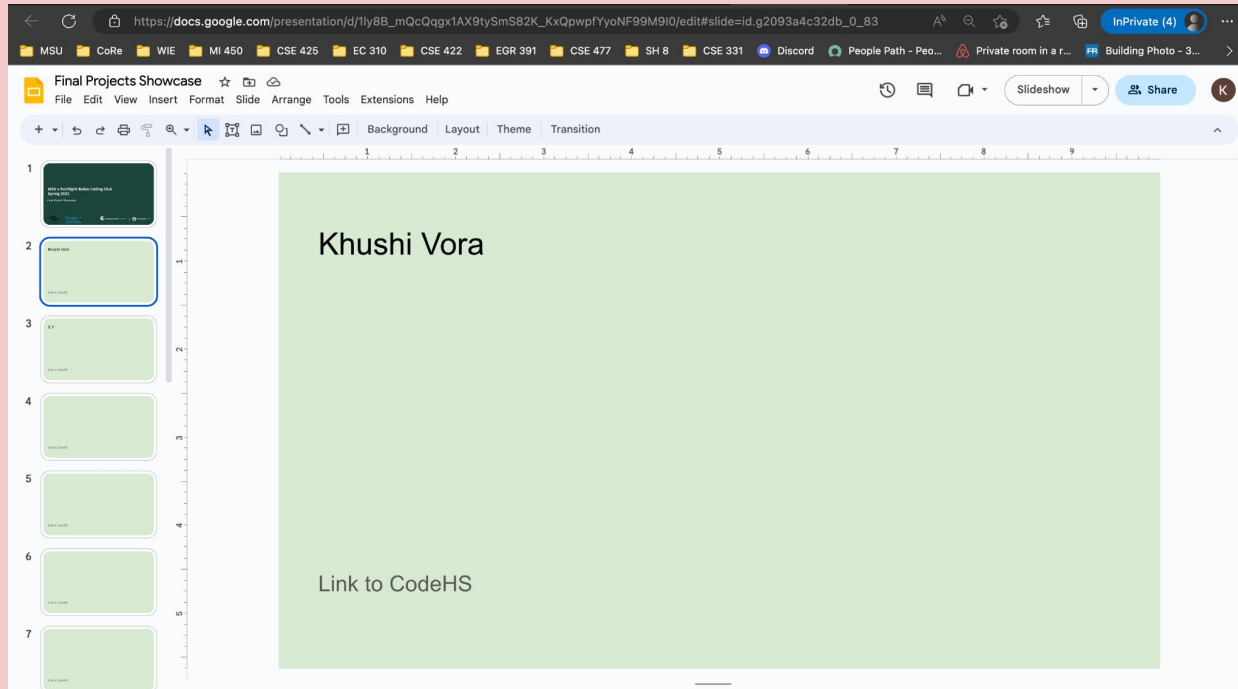
**MSU x Pathlight Belize Coding Club
Spring 2023**

Final Project Showcase

At the bottom of the slide, there are logos for SIGSOFT, touse2 (IEEE Technical Council on Software Engineering), MICHIGAN STATE UNIVERSITY, and PATHLIGHT BELIZE.

Final Project Showcase

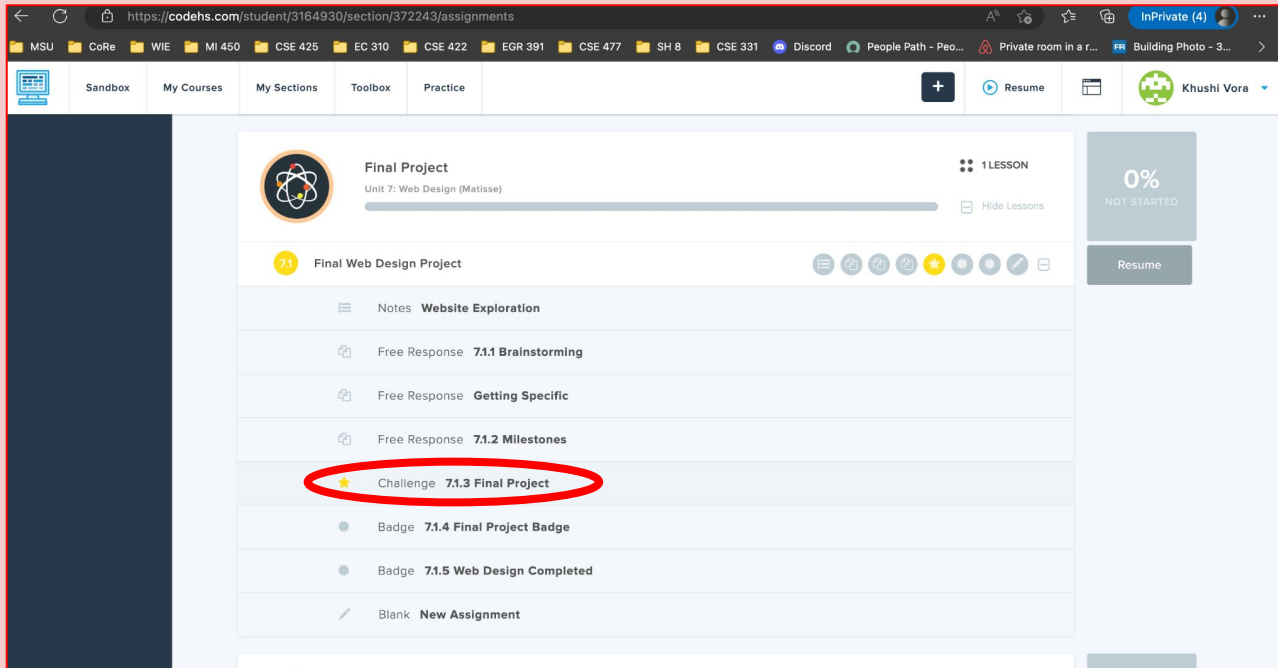
2. Find the slide with your name (if you can't find it, create one)



The screenshot shows a Google Slides presentation titled "Final Projects Showcase". The browser address bar displays the URL: https://docs.google.com/presentation/d/1ly8B_mQcQqgx1AX9tySmS82K_KxQpwpfYyoNF99M9I0/edit#slide=id.g2093a4c32db_0_83. The presentation has 7 slides. The current slide is slide 2, which has a light green background and contains the text "Khushi Vora" at the top and "Link to CodeHS" at the bottom. The slide thumbnail on the left shows a blue border around slide 2. The top navigation bar includes "File", "Edit", "View", "Insert", "Format", "Slide", "Arrange", "Tools", "Extensions", and "Help". The right side of the navigation bar has "Slideshow", "Share", and a user profile icon. The bottom of the slide shows a horizontal ruler with numbers 1 through 9.

Final Project Showcase

3. Open your Final Project on CodeHS



The screenshot displays the CodeHS interface for a student's assignments. The browser address bar shows the URL: <https://codehs.com/student/3164930/section/372243/assignments>. The top navigation bar includes tabs for 'Sandbox', 'My Courses', 'My Sections', 'Toolbox', and 'Practice'. The main content area is titled 'Final Project' and indicates 'Unit 7: Web Design (Matisse)' with a progress bar and '1 LESSON'.

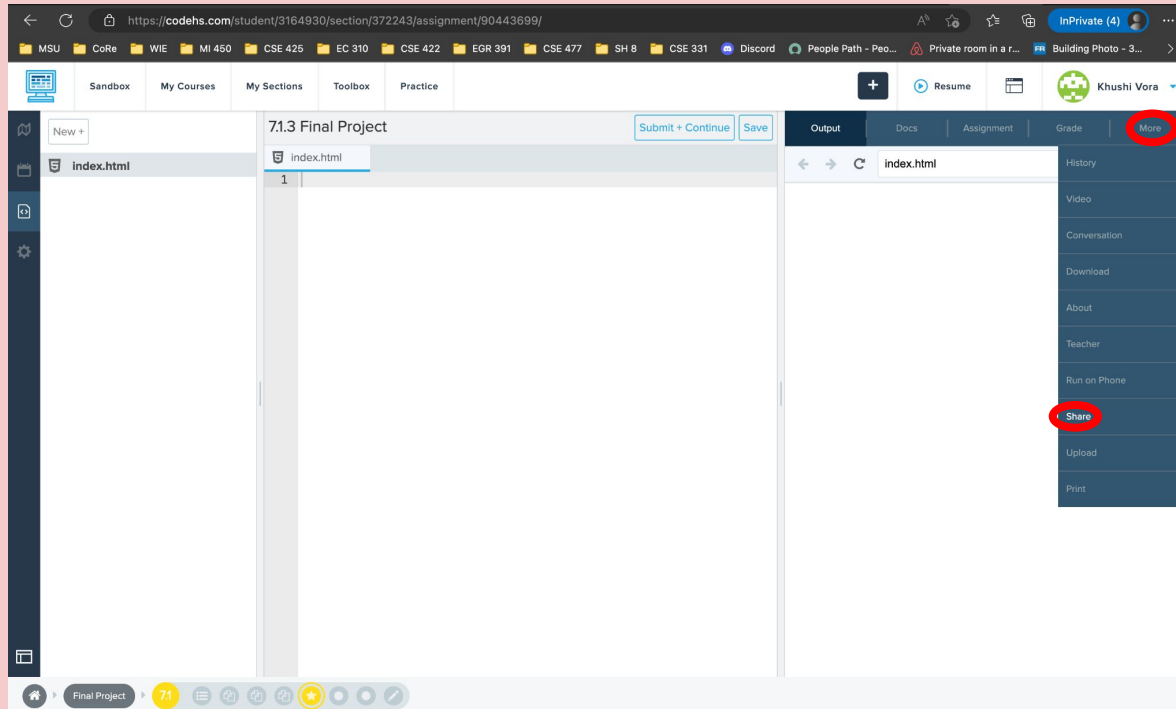
Below the main title, a list of assignments is shown under the heading '7.1 Final Web Design Project'. The items in the list are:

- Notes: Website Exploration
- Free Response: 7.1.1 Brainstorming
- Free Response: Getting Specific
- Free Response: 7.1.2 Milestones
- Challenge: 7.1.3 Final Project** (highlighted with a red oval)
- Badge: 7.1.4 Final Project Badge
- Badge: 7.1.5 Web Design Completed
- Blank: New Assignment

On the right side of the interface, there is a '0% NOT STARTED' indicator and a 'Resume' button.

Final Project Showcase

4. Click on "More" >> "Share" on the top-right corner.



Final Project Showcase

5. Make sure the “Public” option is turned on. And copy the URL that shows up.

The screenshot displays the CodeHS IDE interface. The main workspace shows a file named 'index.html' with a single line of code. On the right side, the 'Share your program' panel is visible. It contains the following elements:

- Share url:** <https://codehs.com/share/id/final-project-cl6X6s/run>
- Public:** A toggle switch labeled 'ON' is turned on.
- Share:** Social media sharing icons for Facebook and Twitter.

A blue arrow points to the 'ON' toggle switch, and a red arrow points to the share URL. The browser's address bar at the top shows the URL: <https://codehs.com/student/3164930/section/372243/assignment/90443699/>.

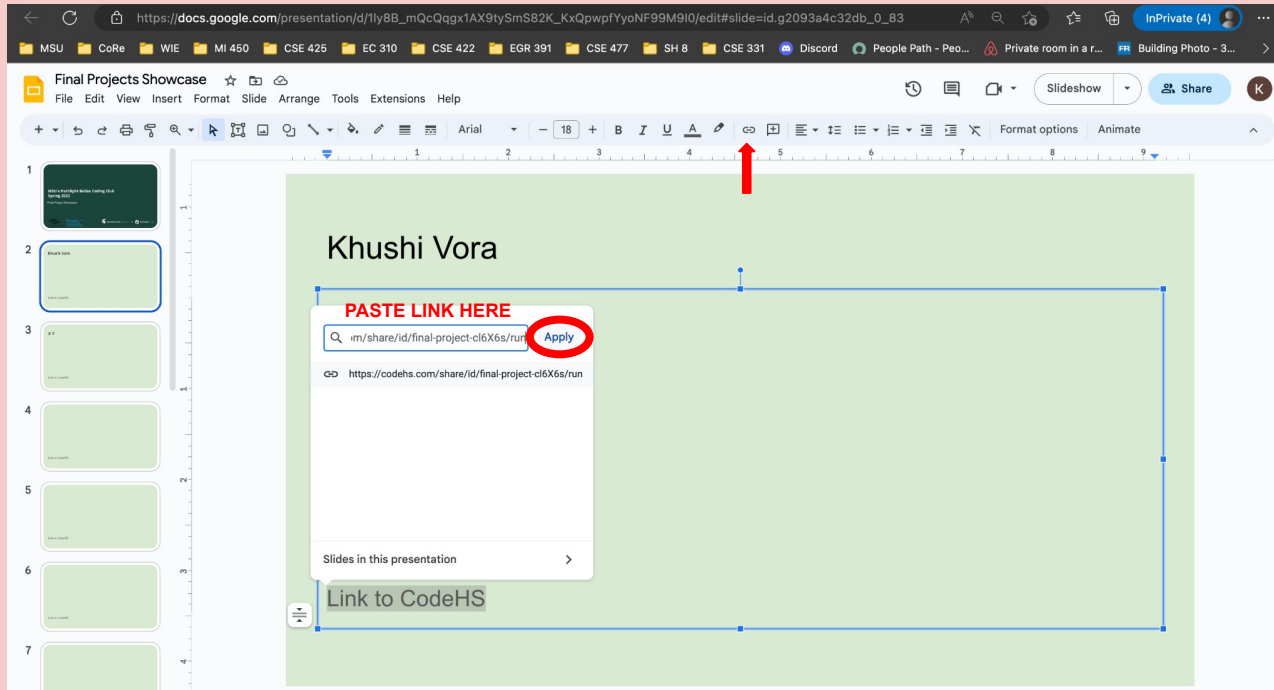
Final Project Showcase

6. Navigate back to the Project Showcase slides & select “Link to CodeHS”

The image shows a screenshot of a Google Slides presentation. The browser address bar at the top displays the URL: https://docs.google.com/presentation/d/1ly8B_mQcQggx1AX9tySmS82K_KxQpwpfYyoNF99M9I0/edit#slide=id.g2093a4c32db_0_83. The presentation title is "Final Projects Showcase". The slide content includes the name "Khushi Vora" and a blue-bordered text box containing the text "Link to CodeHS", which is circled in red. The slide is part of a sequence of 7 slides, as indicated by the slide thumbnails on the left.

Final Project Showcase

7. Click on the “Insert link” option, paste the URL copied from CodeHS and click on Apply



Final Project Showcase

You are all set! Keep working on the project and don't hesitate to ask for help from mentors!!

Spotlight - Video Game Design with Shigeru Miyamoto



What things does Miyamoto say a game needs?

What made the first level of Mario so well-designed?

What was the reason for creating a mobile phone version of Mario?

Example Projects

<https://codehs.com/share/id/final-project-ZUqJRD/run> - Recipe Page

<https://codehs.com/share/id/final-project-mnaGcH/run> - Studio Ghibli characters

<https://codehs.com/share/id/final-project-tc1AQT/run> - History of Taiwan

<https://codehs.com/share/id/final-project-sDOZPZ/run> - Mental Health Matters

<https://codehs.com/student/1573850/section/279427/assignment/61408459/> - Vegan for the Planet

Break

Time for a break!

If anyone needs to use the bathroom or get a drink,
now's the time!

CodeHs

Continue working on the
Final Project unit!

Jamboard - Stand Up

1. On a scale of 1 to 10, how are we feeling about today's lesson?
2. What did you enjoy doing today?
3. What was a challenge you faced today?
4. What is something you hope to learn about web development in this course?

Weekly Temperature Check

Please fill out this survey to help us improve for next week!

<https://forms.gle/9SEF9ex5Q9mkVbL27>

Bonus Hours!! (Not mandatory)

Thursday 03/30 7 PM - 8 PM BZE Time

Bonus hours are provided for you to ask questions outside classroom and get help!

If you do not have questions, you can still join to chat with mentors!

****Zoom link to Bonus Hours will be sent via email & Whatsapp.****

Bonus Hours on Thursdays 7-8 pm

Next session on Saturday 3/25

This weeks goals: Work on Final Project!



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