

Final Project Part 2:

To the best of your abilities, your task will be to recreate the website you see in the video below. Assume 1-4hrs to do this depending on how much work you want to do refining your answer.

Download this video and watch it all the way through before continuing:

<https://introweb.tech/cse134-final/part-2.mp4>

Notes on Implementation

1. You DO NOT need to host this website, just turn in all of the files to gradescope below.
2. The data for the completion times will be fetched from an endpoint
 - a. The endpoint is <https://introweb.tech/cse134-final/fake-data.php>
 - b. You MUST add a query parameter of "year" with a value between 2018 and 2022. Each year must be retrieved individually
 - c. Once fetched, this JSON should be stored in localStorage. Every subsequent page load should read this JSON from localStorage. In a normal webpage, you'd want to set an "expiration" date on this data to check for newer data, but for this assignment, you won't need to.
 - d. This data is UNSORTED and the time is in seconds
 - e. You will need to sort the data before displaying it on screen (hint: JavaScript Arrays have a built-in sort() function you can utilize, you will need to give it a custom comparing function as a parameter)

f. You will need to convert this time from seconds to HH:MM:SS before displaying it on screen

g. The hours are allowed to be a single digit (e.g. 9:12:35)

h. The minutes and seconds must have a zero in front if they are single digits (e.g. 9:01:03, NOT 9:1:3)

3. Every other asset given to you should be downloaded locally, DO NOT link directly to the background image or question image. You may download Google's font locally if you choose, but it is not required.

4. The timer in the top right should display how much time is left until midnight, everyday, PST (Pacific standard time)

a. It should be in the format of HH:MM:SS b. The hours are allowed to be a single digit (e.g. 9:12:35)

c. The minutes and seconds must have a zero in front if they are single digits (e.g. 9:01:03, NOT 9:1:3)

5. Use as much semantic markup as possible

6. The pop-up dialog that displays when you click on the question mark should disappear if you click anywhere on the screen

7. Your website should be responsive, but only as much as you see in the video. Assume that if you don't see it in the video, you don't need to do it.

8. The data for this assignment is not real and has been made up. Your name & final finish time are not actually being recorded.

Assets for you to use:

Background Image (Download this asset, DO NOT link directly to it):

<https://introweb.tech/cse134-final/ucsd.webp>

Question Image (Download this asset, DO NOT link directly to it):

<https://introweb.tech/cse134-final/question.svg>

Font (follow the link to get instructions for including it):

<https://fonts.google.com/specimen/Open+Sans>

Some less obvious CSS values that are used

Timer Values

- Font Size: 2rem

Drop Shadow Values

- X Offset: 10px
- Y Offset: 10px
- Blur Radius: 4px
- Color: Black
- Border Rounding: 20px

Other Heading Values

- First Level heading: 2rem
- Second Level headings: 2rem
- Third Level headings: 1.5rem
- Fourth Level headings: 1rem
- Fifth Level headings: 0.75rem
- Sixth Level headings: 0.5rem

Note: All headings may not be used!

List Values

- default color: black
- 1st item in the list: orange
- 2nd item in the list: gray
- 3rd item in the list: brown

Emoji bullets are 1st, 2nd, 3rd medals

- <https://emojipedia.org/1st-place-medal/>
- <https://emojipedia.org/2nd-place-medal/>
- <https://emojipedia.org/3rd-place-medal/>

Please upload a zip file of **all** your assets together so we can start it up locally. Do not host it elsewhere for review. If you do not upload your assets, we may not be able to grade your question. Please treat this step with extreme care and put everything there. If you feel a README.md file makes sense, put it in for our grading.

Finally, remember the question has significant quality points assigned to it. Use semantics and be precise as you do the example. A sloppy though working replication is worth a maximum of 40points. (out of 50 points total)

Personal/Class Notes:

Do not overuse <div> tags, let HTML be as semantic as possible, thanks

use addEventListener instead of onclick for button

vanilla javascript please, no frameworks

website must change accordingly to screen size, useful to use relative units in css

website does not need favicon

**black heart on the bottom doesn't need to be favicon, just html, i'm assuming it's
♥**

**for the time countdown to midnight, its for everyday, so it starts at 24 for the next day, time-
zone is PST (pacific standard time)**

Potential files to upload: .html, .css, .js

**-Professor estimated this should take around 4 hours, despite the times shown in the
video**

**-If you cannot finish within 12 hours, please just make it as close as possible to the video
and submit it, thanks**

Relevant Topics:

**CRUD (CREATE, READ, UPDATE, DELETE)/storage/endpoint - I'm not familiar with this
part so I'm trusting you on this**

JS,CSS,HTML,DOM,OOP