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2020-10057

CS 150 - Lab Report 2

1. How did you find the exercise in terms of enjoyment, ease, learning, usefulness, etc.?

I found the exercise difficult yet enjoyable. Aside from coding the actual logic of the game, it was challenging to learn about and work with how all the HTML elements interacted with each other. In particular, I spent a lot of time trying to understand how the `span` element worked during Checkpoint 3.

However, I had a lot of moments of celebration whenever I completed a checkpoint, or smaller moments like when I got a certain button to work as intended. I also took my time learning basic CSS so I could decorate the webpage and make it look pretty. These were the most enjoyable parts of the exercise for me.

Overall, I learned a lot from the exercise and I can say I understand more how webpages are constructed.

2. How long did it take you to finish each item?

The exercise took me about two days to accomplish; bonus portion included.

Checkpoint 1 took roughly 3 hours of work. Most of this time was spent watching the Lab 2 demo video to get the hang of how HTML and JavaScript work together.

Checkpoint 2 took about 1 hour. It was kind of a straightforward continuation from Checkpoint 1; the only new thing I had to learn here was making an event listener.

Checkpoint 3 took 1 day. I had a bit of trouble understanding the `span` element, and coding the logic involved in the letter hints was the hardest part for me as there were a lot of edge cases I had to consider.

The bonus portion took around 15 hours. Since most of the game's logic was done, this portion was mainly for modifying the event listeners, learning CSS and styling the elements.

3. How could this exercise be improved?

The learning curve for the exercise was steep, but the demo video was a great help for me to get the fundamentals down first. I think it would be good to have similar demo videos for the upcoming exercises as well.
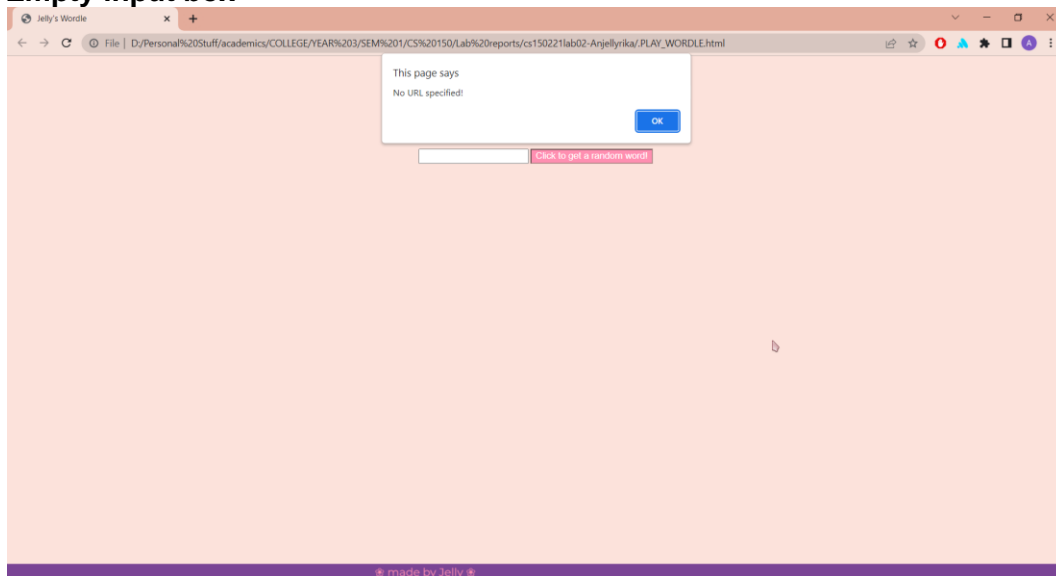
4. State until which part of the exercise were you able to finish:
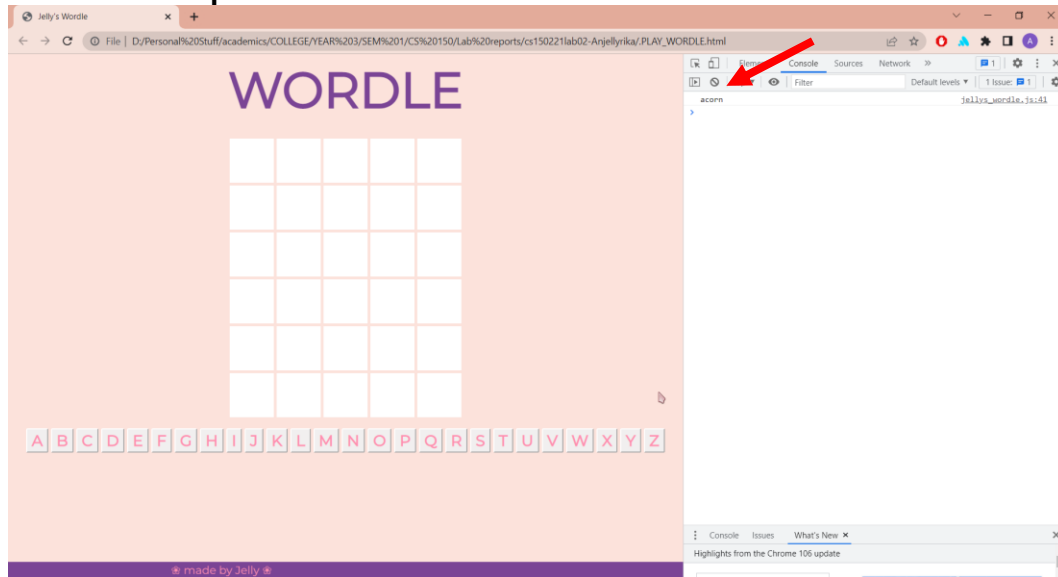
(a) Checkpoint 1 (Word List Fetching, 30pts)

Input box and button
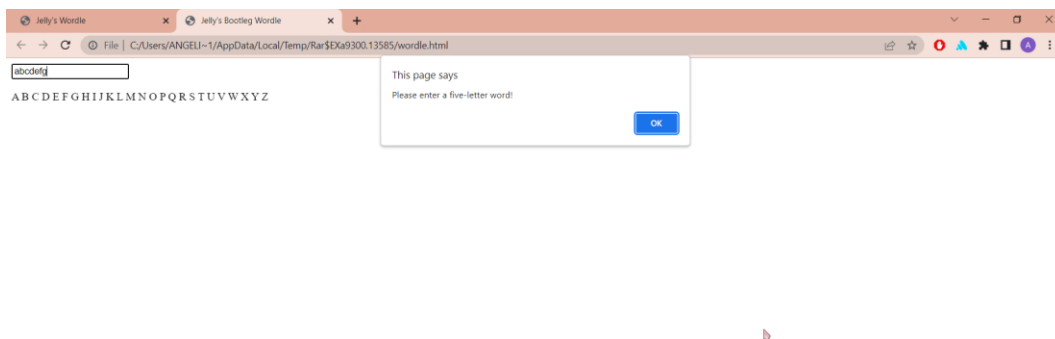

Empty input box

Random word printed to console

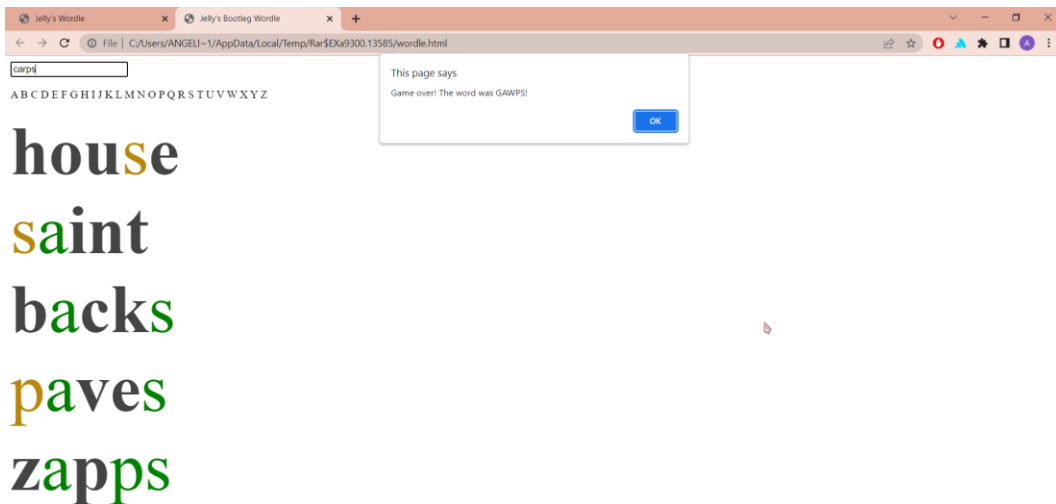**(b)** Checkpoint 2 (Hintless Wordle, 30pts)

Invalid guess

I was unable to keep screenshots of the hintless Wordle; the version pictured above has hints implemented.
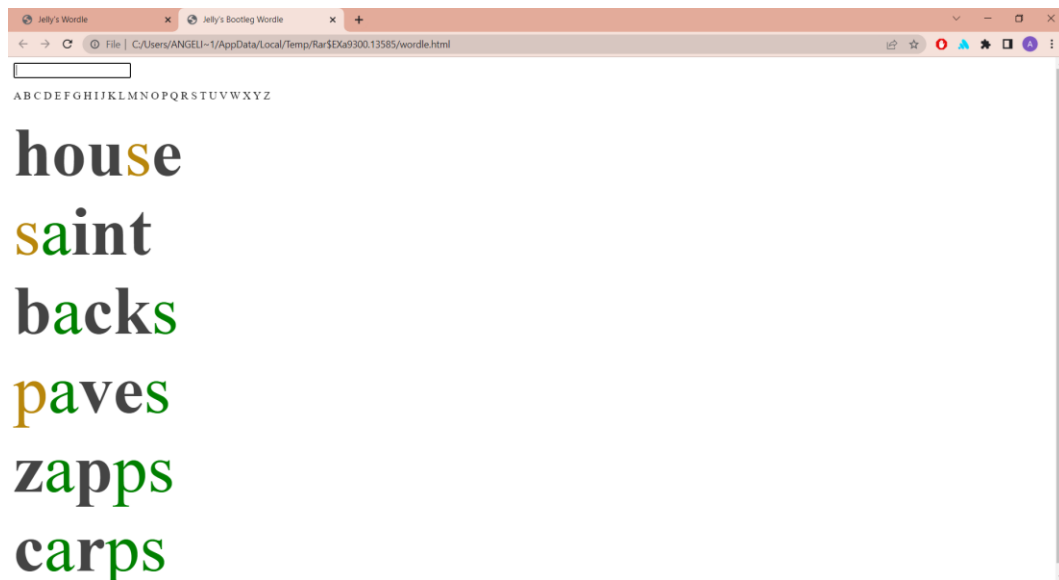
(c) Checkpoint 3 (Barebones Game, 40pts)

Correct guess

Incorrect guess (game over)

(d) Bonus (Complete Game, +20pts)

← → C | ① File | D:/Personal%20Stuff/academics/COLLEGE/YEAR%203/SEM%201/CS%20150/Lab%20reports/cs150221lab02-Anjellyrika/.PLAY_WORDLE.html

This page says

Game over! The word was STAIG!

OK

H	E	A	R	T
S	T	A	C	K
S	T	A	M	P
S	T	A	L	L
S	T	A	Y	S
S	T	A	I	N

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z