

Spike Exercise Journal Entries

Brian McCoy – Snake Game Journal Entries

Jan. 16th:

- Today I started the S.E. spike exercise (snake game). I have never done a snake game in React JS before.
- I've just created a project to begin working on a few tutorials.
- 1st tutorial I tried kept giving me errors. I believe something is wrong/incompatible with my package.json file. Attempting to troubleshoot.

Jan. 17th:

- Worked halfway through a YouTube tutorial and read through the following article and practiced some of the content. Will pick back up tomorrow. <https://medium.com/swlh/how-i-created-a-snake-game-in-react-7743fc599084>

Jan. 18th:

- Getting class schedules together and emailing instructors about courses. No work done on project.

Jan. 19th:

- Worked on project after school and work today for about two hours. Needing to complete introductory assignments for my courses and find online books for my classes.

Jan. 20th:

- Worked and had school today.
- Just now able to begin working on project. Going through tutorials and reading about transitions in React JS.
- Learned how to create shapes, arcs, and triangles in Javascript.

Jan. 22nd:

- Had school and worked for the majority of the day.
- 11PM - I've just worked through two tutorials and read about react Hooks. I can't seem to get my custom hook in my spike exercise to work with my shapes or arrays. Not sure what I'm doing wrong.

Jan. 24th:

- Have animations working in my project, but unable to use my custom hook. Will come back to this after I finish other requirements.

Jan. 25th:

- Work/school today. 3 homework assignments due. Finishing them up.
- Working on finishing at least 5 modifications to the snake game.

- Running into program bugs. Troubleshooting the snake exiting the boundaries.
- Unable to get personal custom hook to work with code.

Jan. 26th:

Attempting to fix bugs before I turn in assignment. Snake exits the playing area, custom hook not working.

All resources I referenced during this assignment:

1. Snake in 100 Lines Tutorial: <https://github.com/weibenfalk/react-snake-starter-files>
2. INK - ReactJS Console Applications (Snake Tutorial):
<https://www.youtube.com/watch?v=GaRXxmofjhw>
3.
<https://developer.mozilla.org/en-US/docs/Web/API/CanvasRenderingContext2D/transform>
4.
<https://developer.mozilla.org/en-US/docs/Web/API/CanvasRenderingContext2D/fillRect>
5.
<https://developer.mozilla.org/en-US/docs/Web/API/CanvasRenderingContext2D>
6. Snake Tutorial: <https://github.com/ChigabigaChannel/react-hour-projects/tree/master/snake-game/src>
<https://www.youtube.com/watch?v=-oOgsGP3t5o> &&
<https://www.youtube.com/watch?v=lgK7OTdT-eo>
7. SNAKE GAME in React js: https://www.youtube.com/watch?v=SGsRHWu_01U
8. Making a snake game using React Hooks:
<https://dev.to/aligumustosun/making-a-snake-game-using-react-hooks-560>