Process & Decision Documentation

Project/Assignment Decisions

I edited the Week 4 Example 5 blob code to add 4 additional levels each with a different theme. I used GenAI to help develop the code based on what I wanted to be changed and what features I wanted to be added to the original level. I created a theme for each level that corresponds with the placements of the platforms and the environment (platform colours, background and blob colours).

GenAI Documentation

If GenAI was used (keep each response as brief as possible):

Date Used: February 5, 2026

Tool Disclosure: ChatGPT 5

Purpose of Use: GenAI was used to help with code edits and debugging.

Summary of Interaction: Based on the prompt given, the concept for the added levels and the starter code, GenAI gave sections of the code to change to fit my instructions. When I ran into problems, it helped to identify areas to change and offered debugging help.

Human Decision Point(s): I came up with the idea of the level themes myself. After the tool gave a level that was impossible to be played, I reiterated what to change and asked to add the new feature of automatically going to the next level if you fall off a platform.

Integrity & Verification Note: I checked it for accuracy by testing the code snippets in GitHub to see if it preformed like it intended to as well as compared it to certain parts of the original code to see if the structure was similar.

Scope of GenAI Use: GenAI only contributed to the levels.json and sketch.js files

Limitations or Misfires: The tool ran into trouble when coming up with one of the levels as it was impossible to move to other platforms without falling off.

Summary of Process (Human + Tool)
- I tested the code it gave before re-prompting the tool to make changes
- Moments of failure included when the tool gave code for a level that didn't perform as intended. I had to explain the issue with ChatGPT to try and solve the error

Decision Points & Trade-offs
- I decided to change the level titles and themes/colours as the ones given by the tool didn't reflect what I wanted.
- This choice was made in order to make the game more interesting and visually appealing.
- I also decided to include a feature that moved the player to the next level if they fell off the platform, which wasn't given by the tool.

Verification & Judgement
- I tested the code to see if it performed as intended and made adjustment and reiterations as needed

Limitations, Dead Ends, or Open Questions
- One of the code snippets for one of the levels didn't perform as I wanted it to which meant I had to reiterate what I wanted to be changed and why.

Appendix

Link to ChatGPT conversation: https://chatgpt.com/share/698520b8-1380-800e-9594-a82e5184f3bc