

1. Did you like your program topic? Why (not)?

I think I liked the program topic because it was challenging enough to be interesting but still doable. I think it was a decent implementation of everything we learned in class thus far.

2. Did your team stick with your initial bottom-up approach to program development, or did you switch to a different design approach at some point? Which approach did you prefer and why?

After starting with the bottom up approach, I'm not sure if I can call our approach object oriented but we did end up implementing a game class that includes all the stuff related to the game itself and not the miscellaneous stuff related to user experience.

3. Did your final design closely match the original hierarchy your team developed? In what ways is it the same? In what ways is it different?

The final design included everything the hierarchy outlined but also had more because there was some stuff that we could not anticipate. For example, our implementation of the game class was not on the hierarchy.

4. Briefly describe the thing(s) you learned on your own, beyond what was covered in the lectures. How did you incorporate them into your program?

I learned how to implement classes and constructors in python. We made a class to represent a game of connect 4. Also the enumerate method was useful when using for loops.

5. If you had more time to work on your program, what additional features would you want to add? Is there anything about your submitted program you would change?

Given more time to work, maybe I could draw the connect 4 board with turtle graphics.

6. What was the most difficult part of this assignment? Please explain.

I think the most difficult part of this assignment was debugging because sometimes I write a lot of code without testing it and it gets hard to track what exactly isn't working.

7. Estimate the portion of the assignment completed by each member of your team (yourself included). Please explain any significant workload imbalances and give a brief summary of who did what. For this question it's ok to make a bulleted list instead of writing complete sentences.

- Kevin: 25% - wrote the program
- Quinn: 25% - wrote valid inputs and outputs
- Jinyu: 25% - wrote the program description and instructions
- Joaquin: 25% - did unit testing