

GVSU CIS 162 Project 2 Dice Game

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I pledge that this work is entirely mine, and mine alone (except for any code provided by my instructor). "



Developer Journal:

Friday October 13, 2023 (Total time - 15 min) :

- Started working on the dice game project. Watched the lecture video Professor Scott uploaded and Project 2 hint to get started on the project.
- Import project to Github. Start on the roll_dice function from the lecture video hint.

October 15, 2023 (Total time - 1 hour):

- Work on Step 2: computer_turn function and if statements. Work on bug fixing the function to pass unit tests, struggled.

October 18, 2023 (Total time - 4 hours):

- 11:31 AM - Continue trying to fix computer_turn function to pass unit tests for Zybooks, passed all but 1 computer_turn test.

- 11:40 AM - Started working on human_turn function. Use while loop as the instruction says, and call the roll_dice() function to roll random dice
- 11:54 AM - work on choice input prompt to continue rolling the dice or not, and prints the total turns and the game score.
- 12:15 PM - start working on the human_vs_computer function. Instruction says to use a while loop for the scores to compare the score to continue until you or the computer gets at least 100 points.
- 12:29 PM - If you get more than 100 points, print "You Won!" to the console, and end the game. If the computer wins, print the computer won and also end the game.
- 12:36 PM - go back to computer_turn function and add prints to each if statements to maybe debug or see if anything prints.
- 9:06 PM - modify the if __name__ == "__main__": prints to see what's printing.
- 10:15 PM - Work on computer_solo function, make it so it uses a while loop so the computer keeps making turns alone until it rolls to 100 points
- 11:24 PM - Started on world_champion func, very confusing on why unit tests wouldn't pass because the dice rolls wouldn't meet what Zybook wanted, and there was a lot of print logs.

October 19, 2023 (Total time - 30 Minutes):

- 7:04 PM - Continue fixing world_champion func to get it to pass Zybook tests, remade comparison if statements . It passed all but 1 test. Add comments to codes explaining what each line does

October 20, 2023 (Total time - 30 minutes):

- 11:35 AM - Due date is today. Trying to fix the remaining 2 unpassed unit tests before 5 PM. Might not be able to finish the validation function on time since I been trying to fix the unit tests. Hardest project :(

GitHub Project Link: <https://www.github.com/singharaj-usai/GVSU-CIS162-Project-2>

- All of my commit history and activities and proof of work can be found on the GitHub link

IDE Used: [Jetbrains IntelliJ IDEA](#)