

David Bell

## Python Guessing Game Narrative

This artifact is a small python program that gives a user three chances to guess a name. This artifact was created in January 2021. I selected this program to demonstrate my ability to engineer a software program for my own needs. I wanted to demonstrate the proper use of indexing and competent use of VS code and python to create a working program. I also wanted to demonstrate my ability to use a while loop that closes itself off and does not run infinitely. This project came about by me simply asking my wife if there was a fun game, she could think of that I could write into code. She noted that her sister had not learned our new babies middle name and she thought a fun guessing game to accomplish this could be a test of my skills.

During the project I had the challenge of adding a UI for the user to access to make it more aesthetically pleasing for the user. My challenge is not complete, but I am currently working on a tkinter ui solution for the program. I used my wife to help me test the program and the feedback that most effected the program was that the user should have more responses with inserting a guess. I then used that feedback to add the guess count statements so the user would see how many guesses they had left after every input. This addition added more satisfaction for the user during the game.