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CS 3750

Python Assignment: Rock Paper Scissors GUI

Python is a very versatile and portable language that offers a very adaptable and flexible base for applications and other software. Python can be utilized and executed in a variety of different ways, such as tools like the command line or for use in a graphical environment. One of Python’s capabilities is native graphical user interface support via tkinkter. For this assignment, I utilized tkinter and submodules to create the graphical game of Rock, Paper, Scissors, which includes pictures of a rock, paper, and scissors in the game, where clicking one button will display a response with the result of the game.

This program was developed to help give me a bit of a challenge. Since I learned Java GUI with Swing in the CS 2460 class, I had a bit of experience with developing simple applications, and tkinter was very similar to swing. Learning how to develop the application was a great learning experience, as I had no prior knowledge of how the tkinter module worked, and I adapted my skills to creating this application. Although my ability with tkinter and Python is not fully on par with my ability with Java and Swing, this is a stepping stone to a greater understanding of Python and computer science as a whole.