



Python Paradigm

Explanation of Python and procedural programming

Python is a user friendly, easily readable language that supports multiple paradigms. I used Python in the procedural paradigm. By using the procedural approach, it allowed me to structure my code into step by step procedures you can easily follow. Procedural programming breaks up portions of code that you can call to when needed. You can call procedures inside of procedures.

How my code conforms to the procedural paradigm

My solution uses procedures throughout the project. To start the game, the code calls the 'main' procedure. This kicks off the sequential execution of the game. Some procedures make use of local variables but many use globals. It has two arrays that are manipulated using procedures found in the game code.

Why I chose Python

A reason why I chose Python is due to it's simplicity and familiarity to other languages I have prior knowledge in. If I were to chose the imperative paradigm, the solution would have been much messier and complex to read and write, due to it's singular flow. Python was easy to pick up and implement my solution and enjoyed doing so.