To: Jason Hemann

From: Nicholas Ding and Michael Tang

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Subject: Assessment of Python

Overall, Python was adequate for the assignments, and allowed us to do the things we needed to do in order to build our project. While, the organization in python may have been a little tough, the language had the libraries we needed in order to easily create the necessary files for the project. From Python's built in Json decoder class to the tkinter gui which was able to create the hexagon from a series of points, and allow us to make it a button, the Python libraries we had access to were adequate for the goals we wished to accomplish. We did have a little bit of trouble figuring out how to manage and use sockets within the final part of the project, but we were able to figure it out after a little bit. We also ran into an issue where Python tests were not able to import from files located within their parent directories without altering the system path to find those packages, an ugly and unideal situation. Furthermore, in order to import our code into other programs, the parent files needed the .py suffix for python to recognize it as importable. Thus, we realized that eventually we would be unable to follow project directory specifications without a bash script running the tests for us. Even though we ran into issues, python was still an easy language that we were able to use with little struggle.