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**FP Proposal:** BongoCatType

**Idea:** Typing test game

**Description of BongoCatType:**

Our vision is to create a typing speed test app similar to <https://monkeytype.com/>. Our key features will be the ability to choose your word count, difficulty of the words and get real time feedback on your raw WPM, real WPM and accuracy. If we have time, we are planning to create a user interface for the app through processing and we will also implement a leaderboard system to save high scores.

**Description of Project:**

User first selects difficulty and word count. Then, the program will generate a typing test by parsing a text file and adding words to a queue using the difficulty provided by the user as a guide. User input will also be stored in a queue. After the user has finished their input (they finish typing a word), the program will calculate raw words per minute (wpm), real wpm, and accuracy. This is done through the use of nanotime, comparing the two entries, and arithmetic.