March 10 Update

Zac C

‘What makes a good keyboard?’ – keyboards.py

The goal of my project is to determine what characteristics of a keyboard makes it best for effective typing.

So far, my program includes:

* A main menu to select which function to run.
* A function that cycles through a list of users and a list of keyboards to print a phrase, get the user’s response, and user’s response time. All relevant data is put in a list, and appended to a text file.
* A function to calculate the number of errors in the user’s response by calculating the Levenshtein Distance.
* A function to let the user practice what a trial of the testing looks like.
* A function to write a backup of the results text file.

I’m writing a separate program that reads from the results text file and sorts the data. This code will later be copied into the main program.

I’ve asked to borrow keyboards from my friends and will be collecting them this weekend.

I plan to conduct tests over the next two weeks, and to finish writing the code that analyzes the results and determines the characteristics that make the best keyboard during that time.