Avriel Lyon

11/14/2021

P5 Testing Strategy

My first test case that I made was to test if I was correctly setting the frequency for repeated values. I made it so that it was large enough to tell it wasn’t simply luck that I was getting 1 or 2 for the frequency. I also did this call two times to check on the frequency as more were being added.

A picture containing icon

Description automatically generated

My second case was to verify that my program could run for both a small value word and a large value word. It helped me find an error where I wasn’t freeing memory properly, I wouldn’t have caught the error otherwise.

Text

Description automatically generated

My third test case was to make sure that similar words could still be sorted properly, for the input I had the first two letters be the same and had the last letter differ.

A picture containing text

Description automatically generated