**P3 Testing Document**

First I used the sample input, as always, to make sure the program is functioning properly as a baseline.

For a time, my program would run fine sometimes, and randomly crash at different points at other times. After many hours of googling and looking through notes, I realized that all I did was accidentally malloc() for a sizeof(struct node\*) instead of a sizeof(struct node). After that, my program was able to replicate the sample input without fail repeatedly.

The second test case is the minimum possible for each input. It took a while for me to get a skip value of zero to function so this was an important test case.

The third case tests for ties and makes sure the same result is achieved multiple times.

The last case tests for gigantic values, including a max possible for each input.