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Testing Strategy

- 1. When the linked list is empty, test remove(), search(), is_empty(), size(), print() fuctions. Remove(), search() and print() will throw exceptions. The print() function will be used for other tests, so I have to make sure it is correct.
- 2. Test insert() fuction. I set my map size to 10 and insert a total of 6 items into the map first. After each insertion, I put a print() function so that I can visually see how the items were added into the map. I also inserted items with same keys to check if the new one will replace the old one.
- 3. Now the list is not empty, test the is empty(), size() again, and test capacity(), load().
- 4. Test remove() and search() function. Test search() with one in the map, and the other not in the map.
- 5. Test insert() again. This time, I inserted more items to make the map full. After that, if insert, it will throw an exception.
- 6. Test the clear() function, and use size() function to check.