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Lab5

**Introduction**

Least Recently Used(LRU) Cache organize items in order for example if you used a dictionary as a data structure each time you insert and traverse you will insert the previous information into the next empty space in the case it gets full then the least recently used will be remove/delete.

**Proposed Solution and Implementation**

This lab required to use any data Structure, for my solution for problem A I decided to use a dictionary and a double linkList this way it makes it easier to remove the previous information and remove it,for problem B are assignment was to print the most frequent used word in a list in descending order for this problem I decided to use a counter this counts how many words/letters appear.in any case the word have the same frequency the word with a lower case comes first.

**Experimental Result**

For this experimental result