一張含有 文字 的圖片

自動產生的描述

1. When we delete the data in the hash table directly by setting the target value empty, in the next search operation, there may be an error occurs.

Because when we search for the target value, we check whether the index is empty or not, if empty, we return and end the search. However, when the value does exist, but needed to be searched in linear probing way, the situation discussed above implies a miss on searching for the target. Thus, to solve the problem, we could replace the target with other string flag, for example,” nope,” instead of setting it empty. Then in the next search operation, we could linear prob the array without worrying about jumping out unexpectedly.

1. As for insertion, we could just take the empty index and the index with delete flag as the same, which would not affect the structure of program.