

```
1  /*
2  * DBMS Implementation
3  */
4  #include "stdafx.h"
5  #include "recordOps.h"
6  #include <stdlib.h>
7
8  // frees the memory allocated to a hash index
9
10 void destroyHashIndex(linkedRecordPtr **hashIndex, unsigned int size) {
11     for (unsigned int i = 0; i < size; i++) {
12         if (!hashIndex[i]) {
13             continue;
14         }
15         linkedRecordPtr *temp1 = hashIndex[i];
16         linkedRecordPtr *temp2 = temp1->next;
17         while (temp1) {
18             free(temp1);
19             temp1 = temp2;
20             if (temp2) {
21                 temp2 = temp2->next;
22             }
23         }
24     }
25     free(hashIndex);
26 }
27
```