```
#ifndef _HASH_
#define _HASH_
#define N 15
typedef int datatype;

typedef struct node {
    datatype key;
    datatype value;
    struct node * next;
}listnode, *linklist;

typedef struct {
    listnode data[N];
}hash;

hash * hash_create();
int hash_insert(hash *HT, datatype key);
linklist hash_search(hash *HT, datatype key);
#endif

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