```c
#include <stdio.h>
#include "sqlist.h"

void test_insert();
void test_delete();
void test_merge();
void test_purge();

int main(int argc, const char *argv[])
{
    //test_insert();
    //test_delete();
    //test_merge();
    test_purge();

    return 0;
}

void test_insert() {
    sqlink L;

    L = list_create();
    if (L == NULL)
        return;

    list_insert(L, 10, 0);
    list_insert(L, 20, 0);
    list_insert(L, 30, 0);
    list_insert(L, 40, 0);
    list_insert(L, 50, 0);
    list_insert(L, 60, 0);

    list_show(L);
    //list_insert(L, 100, list_length(L));
    list_insert(L, 100, -1000);
    list_show(L);
    list_free(L);
}

void test_delete() {
    sqlink L;

    L = list_create();
    if (L == NULL)
        return;

    list_insert(L, 10, 0);
    list_insert(L, 20, 0);
    list_insert(L, 30, 0);
    list_insert(L, 40, 0);
    list_insert(L, 50, 0);
    list_insert(L, 60, 0);

    list_show(L);
    list_delete(L, 9);
    list_show(L);

    list_free(L);
}
```
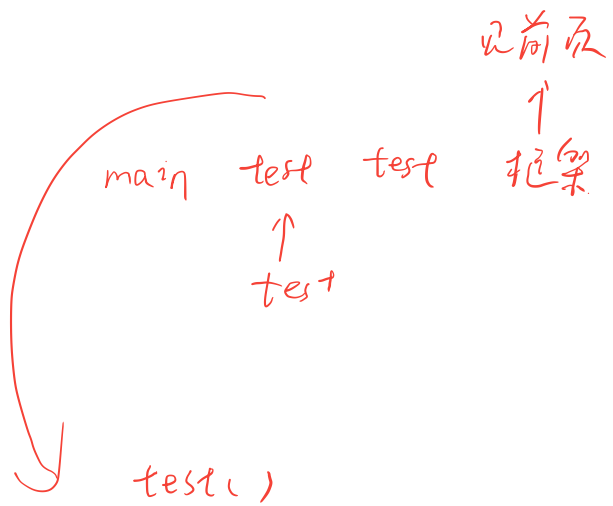
```c
void test_merge() {
	sqlink L1, L2;

	L1 = list_create();
	if (L1 == NULL)
		return;

	L2 = list_create();
	if (L2 == NULL)
		return;

	list_insert(L1, 10, 0);
	list_insert(L1, 20, 0);
	list_insert(L1, 30, 0);
	list_insert(L1, 40, 0);

	list_insert(L2, 50, 0);
	list_insert(L2, 20, 0);
	list_insert(L2, 90, 0);
	list_insert(L2, 40, 0);

	list_show(L1);
	list_show(L2);
	printf("********************\n");
	list_merge(L1, L2);
	list_show(L1);
	list_show(L2);
}

void test_purge() {
	sqlink L;

	L = list_create();
	if (L == NULL)
		return;

	list_insert(L, 10, 0);
	list_insert(L, 10, 0);
	list_insert(L, 10, 0);
	list_insert(L, 10, 0);
	list_insert(L, 10, 0);
	list_insert(L, 10, 0);

	list_show(L);
	list_purge(L);
	list_show(L);

	list_free(L);
}
```

creat

insert

show

purge

show