

```
#include <stdio.h>
#include <sqlite3.h>

int main(void) {
    sqlite3 *conn;
    sqlite3_stmt *res;
    int error = 0;
    int rec_count = 0;
    const char *errMSG;
    const char *tail;

    error = sqlite3_open("ljdata.sl3", &conn);
    if (error) {
        puts("Can not open database");
        exit(0);
    }

    error = sqlite3_exec(conn,
        "update people set phonenumber='\5055559999\' where id=3",
        0, 0, 0);

    error = sqlite3_prepare_v2(conn,
        "select lastname,firstname,phonenumber,id from people order by id"
        ,
        1000, &res, &tail);

    if (error != SQLITE_OK) {
        puts("We did not get any data!");
        exit(0);
    }

    puts("=====");

    while (sqlite3_step(res) == SQLITE_ROW) {
        printf("%s", sqlite3_column_text(res, 0));
        printf("%s", sqlite3_column_text(res, 1));
        printf("%s", sqlite3_column_text(res, 2));
        printf("%u\n", sqlite3_column_int(res, 3));

        rec_count++;
    }

    puts("=====");
    printf("We received %d records.\n", rec_count);

    sqlite3_finalize(res);
    sqlite3_close(conn);

    return 0;
}
```