C++作业报告——文件操作

本次作业在OSX系统上进行测试，如果需要在windows上进行检查则需要复制源代码重新编译

1.代码见src文件

2.简要原理分析

主要采用控制台交互的方法，通过用户输入指令，程序读取指令并进行相关操作。 读取文件时先将文件内容存入内存便于搜索和修改，退出时再整体储存，所以使用ios::in方式打开即可，如果之后做大作业的时候可以采用数据库替代以节省开销。
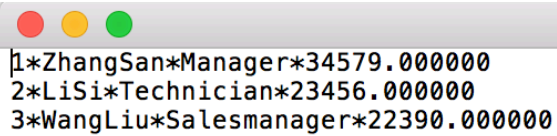
3.运行结果：（结果较长无法截图，复制了控制台log信息）

```
      ***                 ***
   *********           *********
 *************       *************
 **************     **************
 ***************   ***************
 **************** ****************
  *******    *** ***    *******
   ******     *****     ******
    ******     ***     ******
     ******     *     ******
       ****** * ******
         ***********
          *********
           *******
            *****
              *

Welcome to the Human Resource Management Project Beta!
no file using
Please enter instructions:
l
Please enter the filename you are about to open:
test
load error
no file using
Please enter instructions:
n
Please enter the file name you want:
```

```
test
using  test
Please enter instructions:
i
please enter new information
name:ZhangSan
grade:Manager
salary:34579
Please enter instructions:
i
please enter new information
name:LiSi
grade:Technician
salary:23456
Please enter instructions:
i
please enter new information
name:WangWu
grade:Salesman
salary:12390
Please enter instructions:
e
save confirm?
y
no file using
Please enter instructions:
l
Please enter the filename you are about to open:
test
using test
Please enter instruction:
d
1 ZhangSan Manager 34579
2 LiSi Technician 23456
3 WangWu Salesman 12390
Please enter instruction:
s
please enter the searching content:
3
3 WangWu Salesman 12390
any change?
n
Please enter instruction:
s
please enter the searching content:
WangWu
3 WangWu Salesman 12390
any change?
```

```
y
please enter new information
name:WangLiu
grade:Salesmanager
salary:22390
Please enter instruction:
d
1 ZhangSan Manager 34579
2 LiSi Technician 23456
3 WangLiu Salesmanager 22390
Please enter instruction:
e
save confirm?
y
no file using
Please enter instructions:
e
byebye
Program ended with exit code: 0
```

最终文件如图：


```
1*ZhangSan*Manager*34579.000000
2*LiSi*Technician*23456.000000
3*WangLiu*Salesmanager*22390.000000
```