

第九次作业

第一题

```
1  #include <fstream>
2  #include <iostream>
3  using namespace std;
4  int main() {
5      ifstream f("essay.txt");
6      char* file = new char[31];
7      int num = 0;
8      while (f.good()) {
9          f.getline(file, 30);
10         cout << file << endl;
11         num++;
12     }
13     cout << "行数:  " << num;
14     f.close();
15 }
```

```
Culture shock
has been
identified as a
psychological reaction
to a change
in cultural environment.
行数:  6
```

第二题

```
1  #include <fstream>
2  #include <iostream>
3  using namespace std;
4  int main() {
5      ofstream w("workers.txt", ios::binary);
6      w << 1 << " " << "Alice" << " " << "13999996328" << " " <<
"100084" << " " << "翻斗大街" << endl;
7      w << 2 << " " << "Bob" << " " << "13836496328" << " " <<
"100084" << " " << "清华园街道" << endl;
8      w << 3 << " " << "Carol" << " " << "139572386328" << " " <<
"100084" << " " << "New York" << endl;
9      w << 4 << " " << "Elisa" << " " << "13985636328" << " " <<
"100084" << " " << "翻斗大街" << endl;
10     w.close();
11     ifstream workers("workers.txt", ios::binary);
12     int id;
13     cin >> id;
14     bool success = false;
15     char* data = new char[100];
16     while (workers.good()) {
17         int curid;
18         workers >> curid;
19         if (curid != id) {
20             workers.getline(data, 100);
21         }
22         else {
23             workers.getline(data, 100);
24             cout << "id: " << id << data << endl;
25             success = true;
26             break;
27         }
28     }
29     if (!success)cout << "无信息" << endl;
30     workers.close();
31 }
```

2

id: 2 Bob 13836496328 100084 清华园街道

第三题

```
1  #include <fstream>
2  #include <iostream>
3  #include <sstream>
4  using namespace std;
5  int main() {
6      char* c=new char[500];
7      char* d = new char[100];
8      ostrstream strout(c,500);
9      ofstream w("workers.txt", ios::binary);
10     ifstream workers("workers.txt", ios::binary);
11     strout << 1 << " " << "Alice" << " " << "13999996328" << " "
<< "100084" << " " << "翻斗大街" << endl
12         << 2 << " " << "Bob" << " " << "13836496328" << " " <<
"100084" << " " << "清华园街道" << endl
13         << 3 << " " << "Carol" << " " << "139572386328" << " "
<< "100084" << " " << "New York" << endl
14         << 4 << " " << "Elisa" << " " << "13985636328" << " "
<< "100084" << " " << "翻斗大街" << endl<<'\0';
15     w << c;
16     w.close();
17     int id;
18     cin >> id;
19     bool success = false;
20     while (workers.good()) {
21         int curid;
22         workers >> curid;
23         if (curid != id) {
24             workers.getline(d, 100);
25         }
26         else {
27             workers.getline(d, 100);
28             cout << "id: " << id << d << endl;
29             success = true;
30             break;
31         }
32     }
33     if (!success)cout << "无信息" << endl;
```

```
34     workers.close();  
35 }  
36  
37
```

```
2  
id: 2 Bob 13836496328 100084 清华园街道
```

第四题

```
123.456  
123.456  
123.456  
+123.456  
-123.456  
+1.234560e+02
```