

```
1: // $Id: findmap.cpp,v 1.2 2018-11-07 11:46:09-08 - - $
2:
3: #include <iostream>
4: #include <string>
5: #include <unordered_map>
6: #include <vector>
7: using namespace std;
8:
9: int main() {
10:     unordered_map<string,int> um;
11:     for (const string& s: vector<string> {"foo", "bar", "baz"}) {
12:         const auto& e = um.find (s);
13:         cout << s << ": ";
14:         if (e == um.end()) cout << "not found";
15:         else cout << e->second;
16:         cout << endl;
17:     }
18:     int i{};
19:     for (const string& s: vector<string> {"foo", "bar", "baz"}) {
20:         um.insert ({s, ++i});
21:     }
22:     for (const auto& i: um) {
23:         cout << i.first << ": " << i.second << endl;
24:     }
25:     return 0;
26: }
27:
28: //TEST// ./findmap >findmap.lis 2>&1
29: //TEST// mkpspdf findmap.ps findmap.cpp* findmap.lis
30:
```

```
g++ -std=c++11 -c findmap.cpp -o findmap.o -lm
```

```
1: foo: not found
2: bar: not found
3: baz: not found
4: baz: 3
5: bar: 2
6: foo: 1
```