

```
1  #include "SymbolTable.h"
2  #include <iostream>
3
4  using namespace std;
5
6  int main()
7  {
8      HashTable symbols;
9      symbols.insert("HelloWorld");
10     symbols.insert("Why");
11     symbols.insert("cout");
12     symbols.insert("system_42_margin_of_error");
13     symbols.insert("undeniablyLongVariableName");
14     symbols.insert("int");
15     symbols.insert("52");
16     symbols.insert("6");
17     symbols.newScope();
18     symbols.insert("Why");
19     symbols.insert("a");
20     symbols.insert("b");
21     symbols.insert("c");
22     symbols.closeScope();
23     symbols.newScope();
24     symbols.insert("a");
25
26     cout << symbols.find("a") << endl;
27     cout << symbols.find("z") << endl;
28     cout << symbols.find("undeniablyLongVariableName") << endl;
29
30     symbols.print();
31
32     symbols.closeScope();
33     symbols.closeScope();
34     symbols.closeScope();
35
36     system("Pause");
37     return 0;
38 }
```