03/28/18 04:38:53 D:\git-repos\data-structure-homework\04\07.cpp

```
 1   #include <iostream>
 2   #include <string>
 3   #include <map>
 4   #include <set>
 5   using namespace std;
 6   bool equal(const string &a, const string &b) {
 7       return a == b;
 8   }
 9   int len(const string &a) {
10       return a.length();
11   }
12   string sub(const string &a, int st, int len) {
13       return a.substr(st, len);
14   }
15   string concat(const string &a, const string &b) {
16       return a + b;
17   }
18   string x, y, r;
19   map<char, int> mpx;
20   set<char> sty;
21   int main() {
22       getline(cin, x);
23       getline(cin, y);
24       for (auto i : y) {
25           sty.insert(i);
26       }
27       for (auto i = x.cbegin(); i != x.cend(); i++) {
28           if (!mpx.count(*i))
29               mpx[*i] = distance(x.cbegin(), i);
30           if (!sty.count(*i)) r += *i;
31       }
32       for (auto i : r) {
33           cout << i << '\t';
34       }
35       cout << endl;
36       for (auto i : r) {
37           cout << mpx[i] << '\t';
38       }
39       cout << endl;
40   }
41   /**
42   d:\git-repos\data-structure-homework\04 (master -> origin)
43   λ g++ 07.cpp -std=c++11 -g
44
45   d:\git-repos\data-structure-homework\04 (master -> origin)
46   λ a
47   c:\mingw\lib\gcc\mingw32\5.3.0\include\c++\bits\basic_string.h:391:7: note:    no known
     conversion for argument 1 from 'const char' to 'const std::allocator<char>&'
48   c:\mingw\lib\gcc\mingw32\5.3.0\include\c++\bits\basic_string.h:380:7: note: candidate:
     std::__cxx11::basic_string<_CharT, _Traits, _Alloc>::basic_string() [with _CharT = char;
     _Traits = std::char_traits<char>; _Alloc = std::allocator<char>]
49   9       k       v       f       f       '       '       '       &       '
50   64      81      90      98      98      118     118     118     161     118
51
52   d:\git-repos\data-structure-homework\04 (master -> origin)
53   λ
54   */
```