```
1: // $Id: initializer.cpp,v 1.5 2014-03-26 17:51:31-07 - - $
2:
 3: //
 4: // Illustrate initializer lists and for loops.
 6:
7: #include <iostream>
8: #include <map>
9: #include <string>
10: #include <vector>
11:
12: using namespace std;
13:
14: int main (int argc, char **argv) {
15:
      vector<string> args (&argv[0], &argv[argc]);
       for (const auto& i: args) cout << i << endl;;</pre>
       map<string,double> msd = {{"foo",26}, {"bar",99}, {"baz",-3}};
17:
       for (const auto& i: msd) cout << i.first << " " << i.second << endl;</pre>
18:
       return EXIT_SUCCESS;
19:
20: }
21:
22: //TEST// ./initializer hello world >initializer.lis 2>&1
23: //TEST// mkpspdf initializer.ps initializer.cpp* initializer.lis
24:
```

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## \$cmps109-wm/Examples/wk01a-hello/initializer.cpp.log

1/1

- 2: \* initializer.cpp: \$Id: initializer.cpp, v 1.5 2014-03-26 17:51:31-07 -
- 3. \_ \$
- 4: \* g++ -g -00 -Wall -Wextra -std=gnu++11 initializer.cpp -o initializer
- 5: -lm
- 6: \* rm -f initializer.o
- 7: \* @@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@ mkc: finished initializer.cpp

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## \$cmps109-wm/Examples/wk01a-hello/initializer.lis

1/1

1: ./initializer

2: hello 3: world 4: bar 99 5: baz -3 6: foo 26