```
1: // $Id: macros.cpp,v 1.6 2014-08-14 17:06:32-07 - - $
 3: #include <cassert>
 4: #include <iomanip>
 5: #include <iostream>
 6: using namespace std;
 7:
 8: #define PRINT(ITEM) cout << #ITEM << " = \"" << ITEM << "\"" << endl;
 9:
10: int main (int argc, char **argv) {
11:
       (void) argc; // : unused parameter 'argc' [-Wunused-parameter]
12:
       PRINT (argv[0]);
       PRINT (__FILE__);
13:
       PRINT (__LINE__);
14:
15:
       PRINT (__func__);
16:
       PRINT (__DATE__);
17:
       PRINT (__TIME__);
18:
       PRINT (__STDC__);
19:
       #ifdef ___STDC_VERSION_
20:
       PRINT (__STDC_VERSION__);
21:
       #endif
22:
       #ifdef __cplusplus
23:
       PRINT (__cplusplus);
24:
       #endif
25:
       return 0;
26: }
27:
28: //TEST// ./macros >macros.lis 2>&1
29: //TEST// mkpspdf macros.ps macros.cpp* macros.lis
30:
```

08/14/14

\$cmps104a-wm/Assignments/code/miscellaneous/

1/1 17:06:32 macros.cpp.log 1: @@@@@@@@@@@@@@@@@@@@@@@@@@@@@@ mkc: starting macros.cpp 2: macros.cpp: \$Id: macros.cpp,v 1.6 2014-08-14 17:06:32-07 - - \$ 4: g++ -g -00 -Wall -Wextra -rdynamic -std=gnu++11 macros.cpp -o macros -lg lut -lGLU -lGL -lX11 -lrt -lm 5: rm -f macros.o

08/14/14 17:06:32

\$cmps104a-wm/Assignments/code/miscellaneous/macros.lis

1/1

```
1: argv[0] = "./macros"
2: __FILE__ = "macros.cpp"
3: __LINE__ = "14"
4: __func__ = "main"
5: __DATE__ = "Aug 14 2014"
6: __TIME__ = "17:06:32"
7: __STDC__ = "1"
8: __cplusplus = "201103"
```