```
 1: ::::::::::::::::::::::::::::::::
 2: ./mk
 3: ::::::::::::::::::::::::::::::::
 4:      1  #!/bin/sh
 5:      2  # $Id: mk,v 1.2 2018-11-06 18:04:21-08 - - $
 6:      3
 7:      4  cid + $0 Makefile *.cpp
 8:      5
 9:      6  for target in $(ls *.cpp | sed 's/\.cpp$//')
10:      7  do
11:      8     echo =============== make $target ===============
12:      9     make $target
13:     10     make $target.test
14:     11     echo make $target.test status: $?
15:     12  done >mktests.output 2>&1
16:     13
17:     14  catnv $0 Makefile $(which catnv) >mktests.listing1
18:     15  catnv *.cpp mktests.output >mktests.listing2
19:     16  mkpspdf Listing.ps mktests.listing?
20: ::::::::::::::::::::::::::::::::
21: Makefile
22: ::::::::::::::::::::::::::::::::
23:      1  # $Id: Makefile,v 1.2 2018-11-06 18:05:32-08 - - $
24:      2
25:      3  %: %.c
26:      4          cid + $<
27:      5          g++ $< -o $@
28:      6
29:      7  %.test:
30:      8          $*
31:      9
32: ::::::::::::::::::::::::::::::::
33: /afs/cats.ucsc.edu/courses/cse110a-wm/bin/catnv
34: ::::::::::::::::::::::::::::::::
35:      1  #!/bin/sh
36:      2  # $Id: catnv,v 1.1 2019-10-31 13:32:24-07 - - $
37:      3  #
38:      4  # Concatenate multiple short files into a longer file with
39:      5  # headers like more but use cat -nv for line numbers.
40:      6  #
41:      7
42:      8  for file in $*
43:      9  do
44:     10     echo ::::::::::::::::::::::::::::::::
45:     11     echo $file
46:     12     echo ::::::::::::::::::::::::::::::::
47:     13     cat -nv $file
48:     14  done
```

```
 1: ::::::::::::::::::::::::::::::::::
 2: aok.cpp
 3: ::::::::::::::::::::::::::::::::::
 4:      1  // $Id: aok.cpp,v 1.1 2018-11-06 18:04:21-08 - - $
 5:      2  int main() {
 6:      3     return 0;
 7:      4  }
 8: ::::::::::::::::::::::::::::::::::
 9: bad.cpp
10: ::::::::::::::::::::::::::::::::::
11:      1  // $Id: bad.cpp,v 1.1 2018-11-06 18:04:21-08 - - $
12:      2  int main() {
13:      3     return 63;
14:      4  }
15: ::::::::::::::::::::::::::::::::::
16: segfault.cpp
17: ::::::::::::::::::::::::::::::::::
18:      1  // $Id: segfault.cpp,v 1.1 2018-11-06 18:04:21-08 - - $
19:      2  int main() {
20:      3     char* p = nullptr;
21:      4     return *p;
22:      5  }
23: ::::::::::::::::::::::::::::::::::
24: mktests.output
25: ::::::::::::::::::::::::::::::::::
26:      1  =============== make aok ================
27:      2  g++      aok.cpp   -o aok
28:      3  aok
29:      4  make aok.test status: 0
30:      5  =============== make bad ================
31:      6  g++      bad.cpp   -o bad
32:      7  bad
33:      8  make: *** [Makefile:8: bad.test] Error 63
34:      9  make bad.test status: 2
35:     10  =============== make segfault ================
36:     11  g++      segfault.cpp   -o segfault
37:     12  segfault
38:     13  make: *** [Makefile:8: segfault.test] Segmentation fault
39:     14  make segfault.test status: 2
```