```
 1 #! /bin/sh
 2 #
 3 #
 4 # exercise 2a
 5 MASTER=MasterList
 6
 7 # exercise 3a
 8 TMP=/tmp/$$
 9 > $TMP
10
11 # exercise 3e
12 if [ ! -f "$MASTER" ]
13 then
14     echo "Master file does not exist; please generate it" 1>&2
15     exit 1
16 fi
17
18 for i in *
19 do
20     # exercise 3b
21     if [ "$i" = "$TMP" ]
22     then
23         continue
24     fi
25     # exercise 2c
26     if [ "$i" = "$MASTER" -o ! -f "$i" ]
27     then
28         continue
29     fi
30     # exercise 3c
31     echo `ls -sail "$i"` `shasum "$i"` >> $TMP
32 done
33
34 # exercise 3d, with the modification given in exercise 4
35 echo "Changed files:"
36 diff "$MASTER" "$TMP" | grep '^\(<\|>\)' | awk '{ print $NF }' | sort | uniq
37 # exercise 3f
38 rm $TMP
39 exit 0
40
```