

Computer Engineering 176: Lab Assignment 3

Assignment, Part 1: Improving Robustness

Solve Review Exercise 6 from Chapter 10 of the UNIX text, *A Practical Guide to the UNIX System*.

Assignment, Part 2: Improving Maintainability

Modify your solution so that output is redirected and appended to the journal file only once rather than on several lines (i.e., eliminate all but one of the “>> \$file” redirections in the script).

Assignment, Part 3: Improving Documentation

Modify your solution yet again so that the following header is created using a “here” document and written to the journal file the first time an entry is created:

```
# This file created with the journal program
# The format of a journal entry is:
#   date of entry
#   person
#   blank line
#   entry
```

Submission

Show the Teaching Assistant all three versions of your program, both online and hardcopies. Turn in the hardcopies and the answers to the questions asked in the exercise to the Teaching Assistant.