

Week Report 7 - Handling Text Files Practice

Practice 1

```
1997 cat /etc/passwd
1998 tac /etc/passwd
1999 cat -nE /etc/passwd
2000 head -5 /etc/passwd
2001 tail -5 /etc/passwd
2002 tail -1 /etc/passwd
2003 head -1 /etc/passwd
2004 cat -n ~/Documents/Books/dracula.txt
2005 history
jhopkinswalker@cis106vm:~$
```

Practice 2

```
1991 cut -d":" -f1 /etc/passwd
1992 cut -d":" -f1,6 /etc/passwd
1993 cut -d":" -f1,6,7 --output-delimiter=" > " /etc/passwd
1994 cut -d":" -f1,6,7 --output-delimiter=" > " /etc/passwd
1995 cut -d";" -f1 ~/Documents/Csv/cereal.csv
1996 cut -d";" -f1,4 --output-delimiter=" calories = "
1997 cut -d";" -f1,4 --output-delimiter=" calories = " ~/Documents/Csv/cereal.csv
1998 history
jhopkinswalker@cis106vm:~$
```

Practice 3

```
2000 sort ~/Documents/Csv/cars.csv
2001 cd ~/Documents/Csv/ && sort -o sorted_cars.csv cars.csv
2002 wc -l sorted_cars.csv
2003 wc -m sorted_cars.csv
2004 cat sorted_cars.csv | tr ';' ','
2005 history
jhopkinswalker@cis106vm:~/Documents/Csv$
```

Practice 4

```
jhopkinswalker@cis106vm:~/Documents/Books$ grep -in "love" pride-and-prejudice.t
xt
99:by allowance" and "loving with personal love." This distinction applies
103:to their best work than in the case of those others who are loved "by
105:proper thing to love them. And in the sect--fairly large and yet
153:All the minor passages--the loves of Jane and Bingley, the advent of Mr.
166:aversion to actual love. I do not know whether the all-grasping hand of
396:his falling in love at all is not extremely probable. Here again I
408:injured in disposition, and thoroughly in love. As for his being in
409:love, Elizabeth has given as just an exposition of the causes of that
461:anybody who can read between lines will not find the lovers'
470:ladies with whom it might be a pleasure to fall in love; there are at
474:Grant. I should have been most in love with Beatrix and Argemone; I
575:"So much love and eloquence" 156
756:_may_ fall in love with one of them, and therefore you must visit him as
921:persuade you at last. I was sure you loved your girls too well to
933:for your sakes we would do anything. Lydia, my love, though you _are_
972:dancing was a certain step towards falling in love; and very lively
1415:way to be very much in love; but she considered with pleasure that it
1430:very few of us who have heart enough to be really in love without
1450:in love as much as she chooses."
1657:imagination is very rapid; it jumps from admiration to love, from love
1764:Jane, make haste and tell us; make haste, my love."
2334:brother Gardiner's in town so much in love with her, that my
```

```
jhopkinswalker@cis106vm:~/Documents/Books$ grep -ic "love" pride-and-prejudice.t
xt
131
jhopkinswalker@cis106vm:~/Documents/Books$ grep -ivc "love" pride-and-prejudice.
txt
14774
jhopkinswalker@cis106vm:~/Documents/Books$ grep -io "love" love.txt | wc -l
grep: love.txt: No such file or directory
0
jhopkinswalker@cis106vm:~/Documents/Books$ grep -io "love" pride-and-prejudice.t
xt
love
love
love
love
love
love
love
love
love
love
love
love
love
love
love
```

```
jhopkinswalker@cis106vm:~/Documents/Books$ grep -i "^dracula" dracula.txt
DRACULA
Dracula, jumping to his feet, said:--
Dracula, as it may help me to understand. To-night he may talk of
Dracula was speaking, there was that in his eyes and in his bearing
Dracula." I suspected him, and determined to test his sincerity.
Dracula we should go by Galatz, or at any rate through Bucharest, so I
jhopkinswalker@cis106vm:~/Documents/Books$ grep -Ec "bash|zsh|fish" /etc/passwd
2
jhopkinswalker@cis106vm:~/Documents/Books$ grep -Ecv "bash|zsh|fish" /etc/passwd
48
jhopkinswalker@cis106vm:~/Documents/Books$
```