

Subject: hw 1 solution class 3340

1.a, alias today date

1.b, add it to .\*rc file ( for bash, .bashrc, for tcsh, .tcshrc, for example)

2.a, cal 2008 > AnyTxtFile

2.b,

```

          September
Su Mo Tu We Th Fr Sa
          1  2 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30

```

this is not a bug, google september 1752 you will see.

2.c, specified -j argument on cal will display Julian dates (days one-based, numbered from January 1).

so cal -j 2 2010 will display

```

          February 2010
Sun Mon Tue Wed Thu Fri Sat
          32 33 34 35 36 37
38 39 40 41 42 43 44
45 46 47 48 49 50 51
52 53 54 55 56 57 58
59

```

3.a Summarize disk usage of each FILE, recursively for directories.  
du > AnyFile

3.b df displays the amount of disk space available on the file system containing each file name argument. If no file name is given, the space available on all currently mounted file systems is shown. df > AnyFile2

```

4 less AnyFile AnyFile2 > info.txt      or
  cat AnyFile AnyFile2 > info.txt      or ....

```

5 The newline, word, and byte counts in info.txt.

6 "head info.txt" will print the first 10 lines of info.txt.  
"head -10 info.txt", the same.  
"tail info.txt" will print the last 10 lines of info.txt.  
"tail -10 info.txt", the same.

7 "sort info.txt > sorted\_info.txt" will write sorted concatenation of info.txt alphanumerically to sorted\_info.txt.  
"sort -r info.txt > other\_info.txt" will write sorted concatenation of info.txt alphanumerically in reverse order to other\_info.txt.

8 /bin/ls

3340\_hw1\_sols.txt

Thu Jan 31 11:23:41 2008

2

/usr/bin/man