

### Things worth owning about UNIX

There are several handouts that you can purchase from the Telephone Support Center (111 Sitterson) that you might find useful. The C Shell is the command interpreter you will be using on **napoleon**. For \$1.80 you can purchase *An Introduction to the C Shell*. You will use the editor **vi** and can purchase *An Introduction of Display Editing with VI* for \$1.20 and the *VI Quick Reference Card* for \$0.45. *Learning to Use C Effectively in the UNIX environment* costs \$2.85. These documents can easily be shared with friends.

### How to print “man” pages

An on-line UNIX manual describing many Unix programs and functions and all system calls is stored on **napoleon**. You can access this information at your terminal by typing:

```
% man program-or-function-or-system-call-name
```

For example,

```
% man fprintf
```

describes C’s formatted print function, **fprintf**. It is also possible to print this documentation. To print a *long* description of the C shell on the printer in 027 Sitterson, type the command:

```
% man -Tlp csh | lpr -Plp027
```

### Useful directories

The directory **/unc/brock/190/s89/handouts** contains the handouts for the course. Unfortunately, they are stored in **T<sub>E</sub>X** format which will be very difficult to read, but if you’re stuck without a copy at 4:00 AM give it a try. By the way, if you want to see last year’s exams and homework assignments, look in **/unc/brock/190/s88/handouts**.

### Reading and sending mail

Learn to read and send mail! To read your mail simply type “**mail**”. The mail program will first display the headers of all your mail messages. Each time you type a carriage return, you should see a new message.

To send mail to another **napoleon** user, type “**mail user**” and then your message. When you are finished with your message, type a single line containing only a period. Experiment with mail by sending messages to yourself and then to your friends (not too many or they may cease to be your friends). Print out the man page for **mail** for more information.

### What not to do

Thou shalt not use any expensive print devices.

Thou shalt not send obnoxious mail.

Thou shalt obey the rules for passwords described in the January 1989 *Facilities News*.