

Chapter 4

- 4.1 Use the `ls -l /dev` command to display long listing of the `/dev` directory and count the number of files with file types `b` and `c`. If the listing is longer than one page, use the `ls -l /dev | more` command to display the listing one page at a time.
- 4.2 Use the `more /etc/passwd` file and identify the line with your login name. The third field in this line is your user ID. Remember that a colon separates fields.
- 4.3 No solution needed.
- 4.4 Use the following command sequence and count the files that are tagged with an asterisk (`@`).

```
$ cd /usr/bin
$ ls -F
[ output of the ls -F command ]
$
```

You can use the `ls -F | grep @` command to display all symbolic links.

- 4.5 The following session shows the sizes of the `find` and `sort` commands.

```
$ ls -l find sort
-r-xr-xr-x 1 root wheel 48312 Oct 7 14:47 find
-r-xr-xr-x 1 root wheel 57976 Oct 2 12:13 sort
$
```

As you can see the sizes of `find` and `sort` commands are 48312 and 57976 bytes, respectively.

- 4.6 The following session shows the types of the files in the `/etc` directory.

```
$ file /etc/*
[ output of the file /etc/* command ]
$
```