

### ***Displaying a Calendar***

- Use the cal command to display a calendar for one month or a full year.

### ***Displaying Text on the Screen***

- Use the cat command to display the contents of a file on the screen or concatenate two files.
- You can also use cat with redirection to enter text into a file.
- Use the pg or more command to display a large file one screen at a time.

### ***Finding Files***

- Use the find command to search for files and execute commands, using the files found as arguments.
- You can search for files by file name, type, user, group, size, links, or time of last change, modification or access.
- Once files have been selected, you can display, execute, or make backup copies.

### ***Searching for Text in a File***

- Use the grep command to search for text in a file or a set of files.
- You can use regular expressions, formed with special characters, to help make a selection

## **Chapter 4**

Match each command listed on the left with one of the functions described on the right:

- |         |  |
|---------|--|
| 1. find | A. Display a calendar.   |
| 2. cat  | B. Combine two files to form a third.  |
| 3. cal  | C. Print two files on a system printer.  |
| 4. bc   | D. Display all lines in a file that contain a specific word  |
| 5. lp   | E. Display the names of all files in your working directory that you last modified on a specific date. |
| 6. sort | F. Arrange all entries in a file.  |
| 7. grep | G. Calculate the square root of a number to 20 decimal places.   |

Write a command line to perform each of the following functions:

8. Display a calendar for October 1952.
9. Create a small file called test.doc with the following contents:  
This is a very,  
very small file.
10. Print files memo.101 and memo.102 with notification by electronic mail.

11. Locate any files in directory “/usr” owned by user Penny that were last accessed more than 30 days ago.
12. Display all lines in files parts.Bell, parts.Hall, and parts.Smith that have part numbers between 00601-00 and 007000-00.
13. Create a new file called parts.partno that contains one large parts list combined from files parts.Bell, parts.Hall, and parts.Smith sorted by price.
14. Create a new file called parts.partno that contains one large parts list combined from files parts.Bell, parts.Hall, and parts.Smith sorted by part number.
15. Compute the value of the square root of 500 to five decimal places.