Section 1: The Linux Operating System: An Introduction

This section presents an overview of various types of software. It introduces you to the operating system software. The distinguishing features of single-user and multi-user operating system are explained. The section the covers the history of Linux and compares the Linux operating system with other operating systems available in the market. Various distributions of Linux are also mentioned in the section, with additional pointers to Wed Sites where you can obtain more information regarding various distributions.

Sections 2: Linux Basic

This section explains how you can log in and log out from a Linux session. It covers detailed explanation about the filesystem in Linux, the types of files, the types of users, and the file and directory management commands with examples.

Section 3: Text Editors

This section presents introduction of the functions of an editor and compares the features of various editors. It covers the `vi` and `emacs` editors in detail.

Section 4: Pipes and Filters

This section presents one of the most important concepts for working in Linux – pipes and filters. It covers the concept of standard files in Linux and also explains redirection. It explains the need for filters and pipes.

Section 5: More Linux Utilities

This section describes the various utilities available in Linux for enabling an end user to work efficiently on the system. It provides an overview of the utilities available for composing, sending, and receiving e- mails, scheduling routine tasks, and compressing file.

Section 6: Introduction with GNOME