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Team 4 Presentation Summary

The chapter 1 is about improving command-line productivity. A completed shell script must be executable to run as an ordinary command. Use the chmod command to add execute permission, possibly in conjunction with the chown command to change the file ownership of the script. Grant execute permission only for intended users of the script. The echo command displays arbitrary text by passing the text as an argument to the command. Regular expressions provide a pattern matching mechanism that facilitates finding specific content. The vim , grep, and less commands can all use regular expressions. The chapter 2 is about scheduling future tasks. Jobs that are scheduled to run once in the future are called deferred jobs or tasks. Recurring user jobs execute the user's tasks on a repeating schedule. Recurring system jobs accomplish administrative tasks on a repeating schedule that have system-wide impact. The systemd timer units can execute both the deferred or recurring jobs. The chapter 3 is about tuning system performance. The tuned service automatically modifies device settings to meet specific system needs based on a pre-defined selected tuning profile. To revert all changes made to system settings by a selected profile, either switch to another profile or deactivate the tuned service. This priority is called the nice value of a process. The nice command assigns a priority to a process when it starts. The renice command modifies the priority of a running process.