1. Create user with name Techie and provide sudo access to user.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

1. Navigate to the home directory.

A screenshot of a computer

AI-generated content may be incorrect.

1. Create a new directory.

A screenshot of a computer

AI-generated content may be incorrect.

1. List the contents of a directory.

A screenshot of a computer

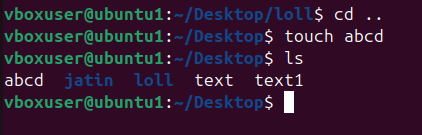
AI-generated content may be incorrect.

1. Change the current directory.

A screen shot of a computer code

AI-generated content may be incorrect.

6) Create a new empty file.

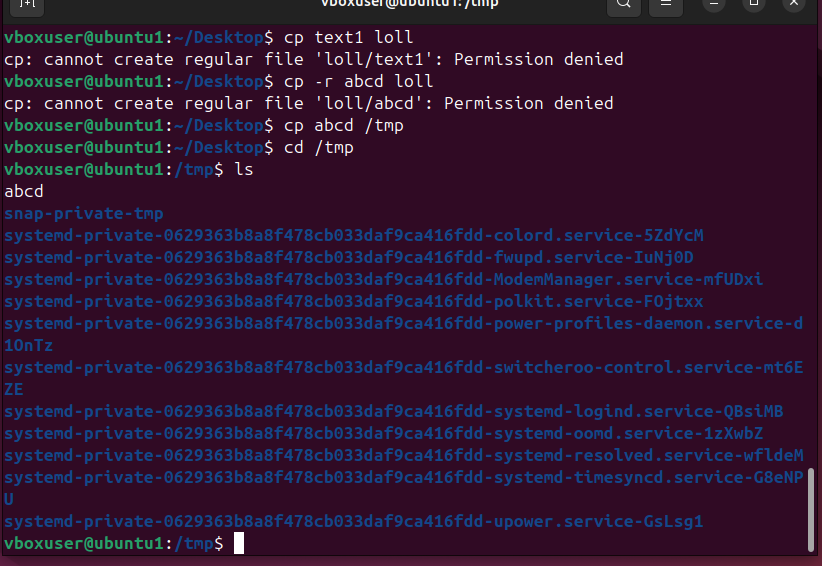


7) View the contents of a file.

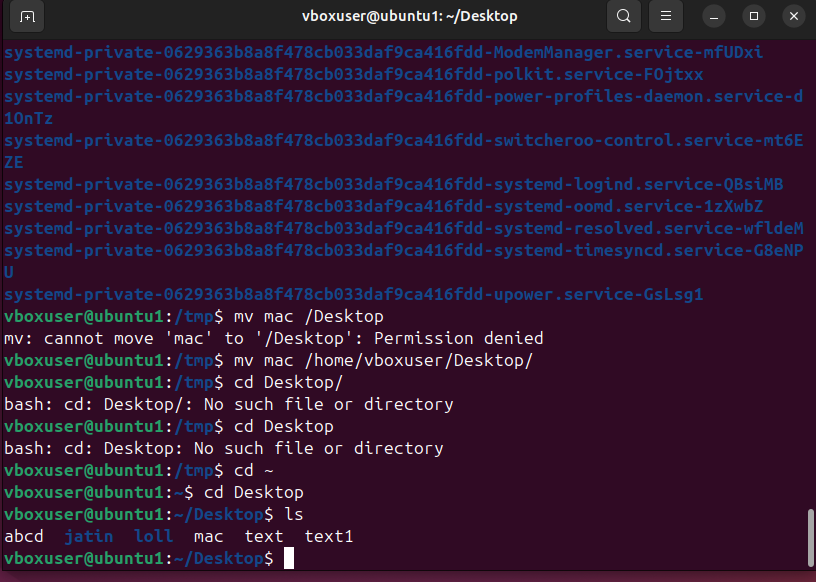
A screenshot of a computer program

AI-generated content may be incorrect.

8) Copy a file to another location.



9) Move a file to another location.



10) Rename a file.

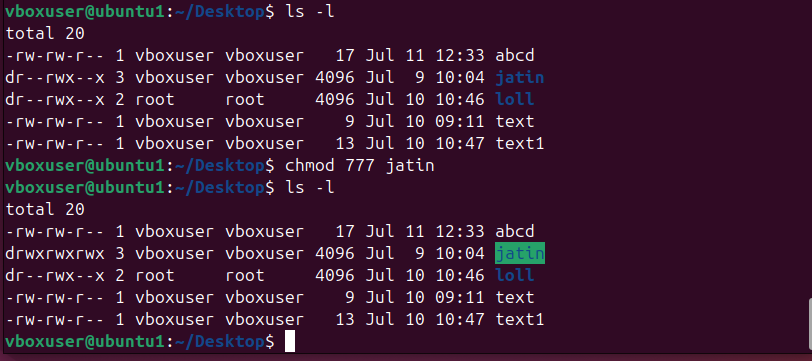
A purple background with white text

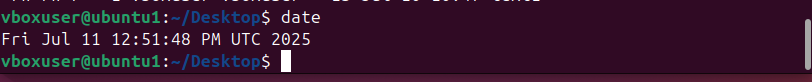
AI-generated content may be incorrect.

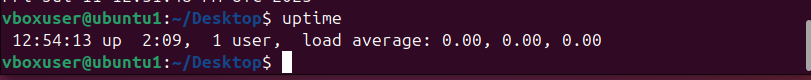
11) Delete a file.

A computer screen shot of a black background

AI-generated content may be incorrect.12) Grant or revoke permissions on a file or directory.

 13) View the current date and time.

 14) Check the system uptime.

 15) View the running processes.

A screenshot of a computer

AI-generated content may be incorrect. 16) Kill a running process.

A screenshot of a computer screen

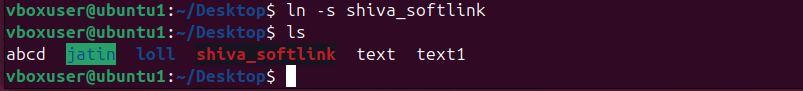
AI-generated content may be incorrect.7

17) Install a package using the package manager (e.g., apt or yum). A screenshot of a computer

AI-generated content may be incorrect.

18) Update the system packages. A computer screen shot of a program

AI-generated content may be incorrect. 19) Create a symbolic link.



20) Search for files using the find command.

A computer screen shot of a program

AI-generated content may be incorrect.

21) Compress and decompress files using tar.

A screen shot of a computer program

AI-generated content may be incorrect.

A screenshot of a computer program

AI-generated content may be incorrect.

22) Monitor system resources with top or htop.

A screenshot of a computer

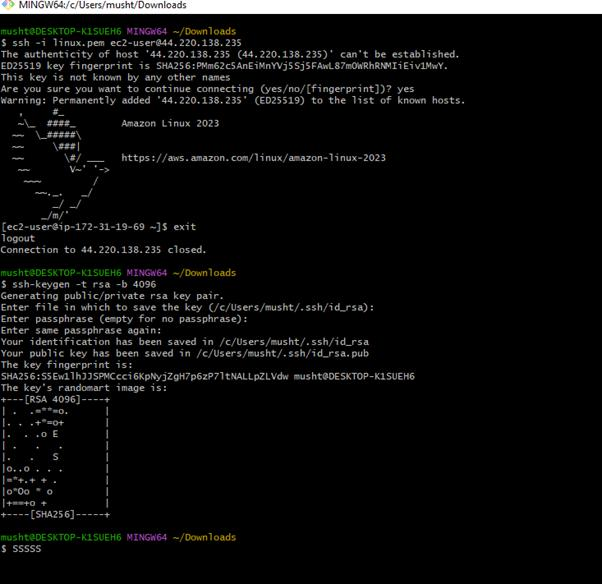
AI-generated content may be incorrect.

23) Create and manage user groups.

A screenshot of a computer

AI-generated content may be incorrect.

24) Set up SSH password less authentication.



25) Monitor log files using tail or grep.

A computer screen with white text

AI-generated content may be incorrect.

26) Set up a web server (e.g., Apache or Nginx).

A computer screen shot of a program

AI-generated content may be incorrect.

27) Configure and secure a MySQL Database.

A computer screen shot of a program

AI-generated content may be incorrect.

28) Set up a Application Server (e.g.,Apache Tomcat)

A screenshot of a computer

AI-generated content may be incorrect.

29) create a service file for Apache Tomcat.(Should execute by using systemtctl command)

A screenshot of a computer program

AI-generated content may be incorrect.

30) Print specific columns from a delimited file.

A computer screen with white text

AI-generated content may be incorrect.

31) Filter and print lines based on a specific pattern or condition.

A screenshot of a computer

AI-generated content may be incorrect.

32) Calculate and print the average, sum, or other statistics of a column.

A computer screen with white text

AI-generated content may be incorrect.

33) Perform string manipulation, such as extracting substrings or changing case.

A screen shot of a computer

AI-generated content may be incorrect.

34) Count the occurrences of a specific pattern in a file.

A computer screen shot of a computer screen

AI-generated content may be incorrect.

35) Sort lines based on a specific field or column.

A screenshot of a computer program

AI-generated content may be incorrect.

36) Merge multiple files based on a common field or column.

A screenshot of a computer

AI-generated content may be incorrect.

37) Substitute text in a file using search and replace.

A computer screen with white text

AI-generated content may be incorrect.

38) Delete specific lines based on a pattern or line number.

A screenshot of a computer

AI-generated content may be incorrect.

39) Append or insert text before or after a specific pattern or line.

A screenshot of a computer screen

AI-generated content may be incorrect.

40) Print only specific lines from a file.

A computer screen shot of a computer screen

AI-generated content may be incorrect.

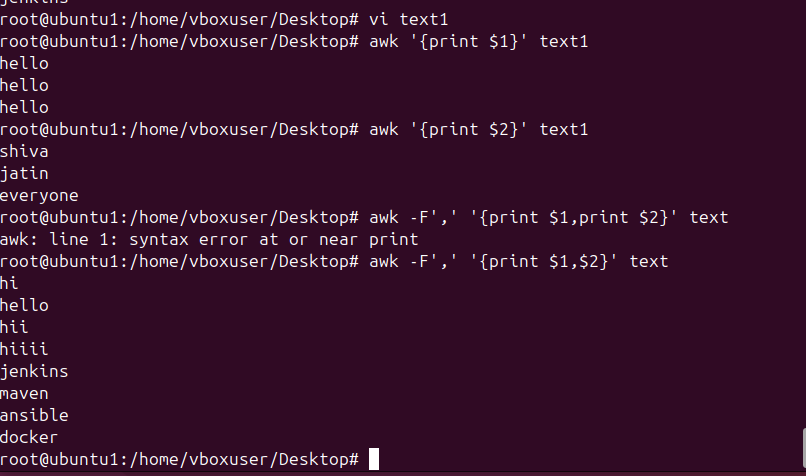
41) Copy file from linux to windows machine

A screen shot of a computer

AI-generated content may be incorrect.

42) 5 use cases for AWK and 5 use cases for sed

AWK COMMANDS



SED Commands

A computer screen with white text

AI-generated content may be incorrect.