1.Compress a file by compress, gzip, zip commands and decompress it again. State the differences between compress and gzip commands.

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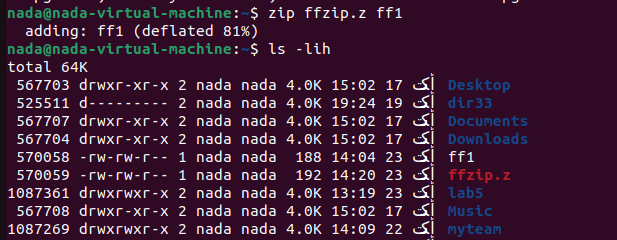
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A screenshot of a computer

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\*gzip compress the file smaller than compress >>>> but compress run faster

2. What is the command used to view the content of a compressed file.

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3. Backup /etc directory using tar utility.

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4. Starting from your home directory, find all files that were modified in the last two day.

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5. Starting from /etc, find files owned by root user.

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6. Find all directories in your home directory.

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7. Write a command to search for all files on the system that, its name is “.profile”.

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8. Identify the file types of the following: /etc/passwd, /dev/pts/0, /etc, /dev/sda





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9. List the inode numbers of /, /etc, /etc/hosts.

 -id

10. Copy /etc/passwd to your home directory, use the commands diff and cmp,

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and Edit in the file you copied, and then use these commands again, and check the output.

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11. Create a symbolic link of /etc/passwd in /boot.



A computer screen shot of a program

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12. Create a hard link of /etc/passwd in /boot. Could you? Why?

A computer screen shot of a program

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