1. What is tar command? Why is it used?

*The tar command is used to compress a group of files into an archive. The command is used to extract, maintain, or modify tar archives and compress a group of files into an archive.*

1. Explain Regular Expressions and Grep

*A regular expression or regex is a pattern that matches a set of strings.*

*grep is a command matches a regular expression*

*grep supports three regular expression syntaxes, Basic, Extended, and Perl-compatible.*

1. What is the minimum number of disk partitions required to install Linux?

*one partition*

1. How to copy a file in Linux?

*to copy a file, specify “cp” followed by the name of a file to copy.*

1. How to terminate a running process in Linux?

*kill – Kill a process by ID, killall – Kill a process by name.*

1. How to rename a file in Linux?

*mv command can be used to rename the file.*

1. How to write the output of a command to a file?

*The > redirects the command output to a file replacing any existing content on the file*

*cmd > output.txt*

1. How to see the list of mounted devices on Linux?

with the use of following commands:

*mount, findmnt, df*

1. How to find where a file is stored in Linux?

*using find or locate command*

*find . , find . -name pro\\**

1. How to find the difference between two configuration files?

*with vimdiff or diff commands*

*vimdiff file1 file2*