**Question 1**

1. Text

   Description automatically generated- use a command to show the current working directory - list the directory contents in the short and long format (with file permissions,owner,size etc,.). Explore attributes given in long format e.g. file type, file permissions, file size, file owner etc. - list all files along with hidden files in current working directory. - list only hidden files in the directory (Hint : use pwd, ls, echo commands)
2. Make a directory and name it as cdac-dir and change the current working directory to the new directory.(Hint : use mkdir,cd commands).

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Description automatically generated4. List the directories(folders), then remove the cdac-dir directory and list the folders again to show that it is no longer present.(Hint : use rm, ls command).

1. Text

   Description automatically generated. Create following nested directories inside current directory by invoking single command for only one time. Note : here root\_dir is current directory.

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**Question 2**

1. Display the man-page for ls, but redirect the output into temp.txt, then use the cat, less, and more commands to display the new file

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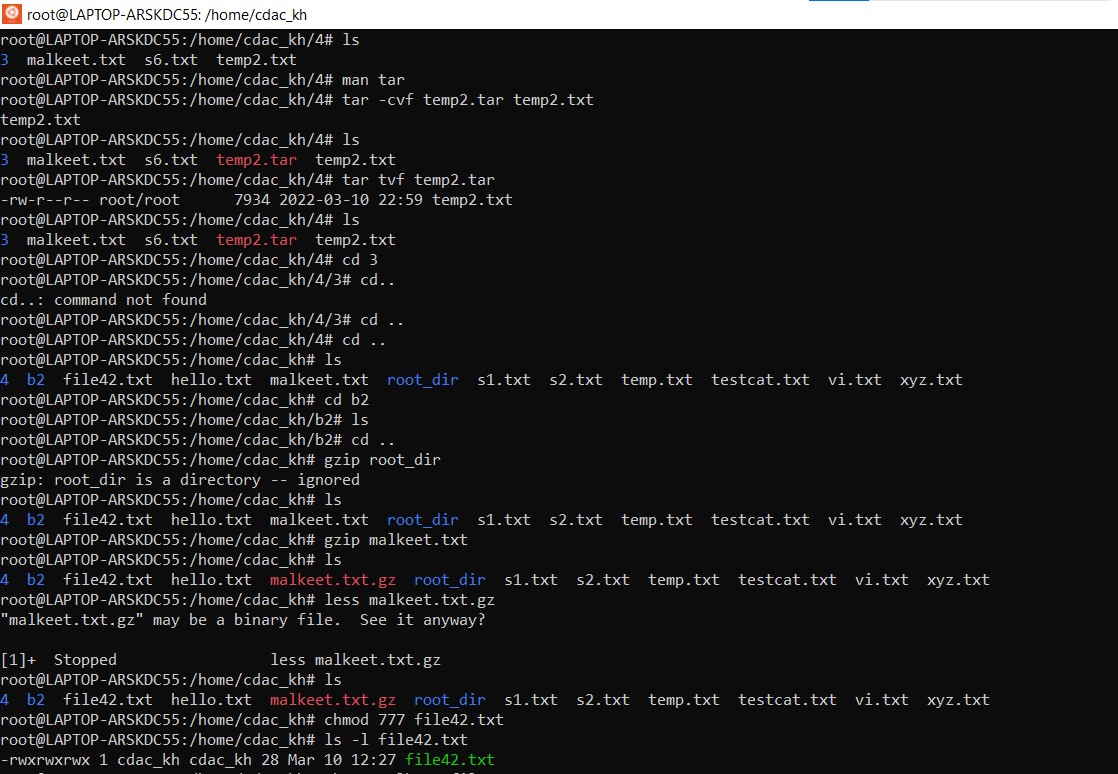
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1. Text

   Description automatically generatedDisplay the initial 10 lines and final 5 lines of temp.txt with the obvious Linux commands.(Hint: use head and tail commands).
2. Copy temp.txt to another directory and rename it there. (Hint: use cp to copy and mv command to rename).
3. Display the number of lines, words and characters in file using Linux command (Hint: use wc command).
4. Text

   Description automatically generatedUse history command to display last 10 commands used. (Hint: use history command).

**Question 3.**

1. Create tar archive file of any directory present in your home directory. (Hint: use tar command) - list the contents of the archive file without extracting. 2. Create zip file of another directory. (Hint: use zip command) - list the contents of the zip file without extracting. 3. Give read, write & execute permissions to your file. (Hint: use chmod command)
2. Text

   Description automatically generatedChange ownership of that file.(Hint: use chown command)
3. List processes running in shell, all running processes(Hint: use man page of ps command) and show top processes in decreasing order of their resource utilization.(Hint: use top command).

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**Question 4**

. Display current time and calendar (Hint: use date, cal commands) 2. Change the current date and time of the system to following 14th March 2017, 10:10 AM 3. Explore following commands who, whoami, whatis, whereis, (Hint: use man pages).

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