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The 10th to 25th  lines in a file

 Ans: head -n +25 File1 | tail -15

List only 10th line in a file

 Ans: head -n +10 File11 | tail -1

List only the recently modified file in the current directory

  Ans: find . -type -ctime -1 -ls

List only the smallest file in the current directory

               Ans: ls -lsr

A data file is updated regularly, each day with 10 new records. New records are appended at the end.

Write the command to print total number of records in the file.

 Ans: grep -c ".\*" File11

Write the command to list only the records entered 3 days before.

 Ans: find . -iname "\*" -mtime +3 -exec cat {} \;

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Lines containing A

               grep "A" file

lines containing The at the beginning

               grep ^The file

lines  ending with  .

               grep "\.$" file

lines with a,b or c as the second letter

               grep "^.a\|b\|c" File11

lines which contain def , deef or deeeef

               grep  "def\|deef\|deeeef" File

lines not having numbers at the beginning

               grep -v [0-9] File

empty lines

               grep -n "^$" File

list only directories

               ls -d \*/

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Create a file which contains long listing of the files in root directory

Sort the file based on the filename descending order (last field)

               ls | sort -r

Sort the file based only on the inode count

               ls -li | sort -n

Sort the file based on the user name and group name in reverse order

               ls -lr | sort -k 3

               ls -lr | sort -k 4

Sort the file based on the file size and store the output in a file called sortedfile

       ls -laS >sortedfile

               cat sortedfile

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Run a sort command of a large file at the background

               sleep 100&

               write down pid

               ps -l

write pid and ppid then logoff and login again

               ps -l

then observe that pid and ppid will be not there

Run a sort command of a large file at the background using nohup

               nohup sleep 100&

   write down pid

               ps -l

 write pid and ppid then logoff and login again

               ps -l

then observe that pid will be there but ppid will be not there

Write a command that sleeps for 5 seconds and then prints hello

               sleep 5s

               echo "hello"

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Write the command to send birthday wishes to your friend, whose birthday is tomorrow

               echo "happy birthday" | at now +1 day

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Try the commands done with at using crontab

crontab (to schedule job \* \* \* \* \* >f10 (scheduled job which will create f1o file every minute)

               crontab -l   (to check previous scheduled job)

               at now +1 minute  (schedule job)

              sleep 100& (scheduled job)

               at-l  (to see scheduled job)

               at -r jobno(46)   (remove job)

               crontab -r     (remove job)