Myrna E Santiago

CYSE 270_20306

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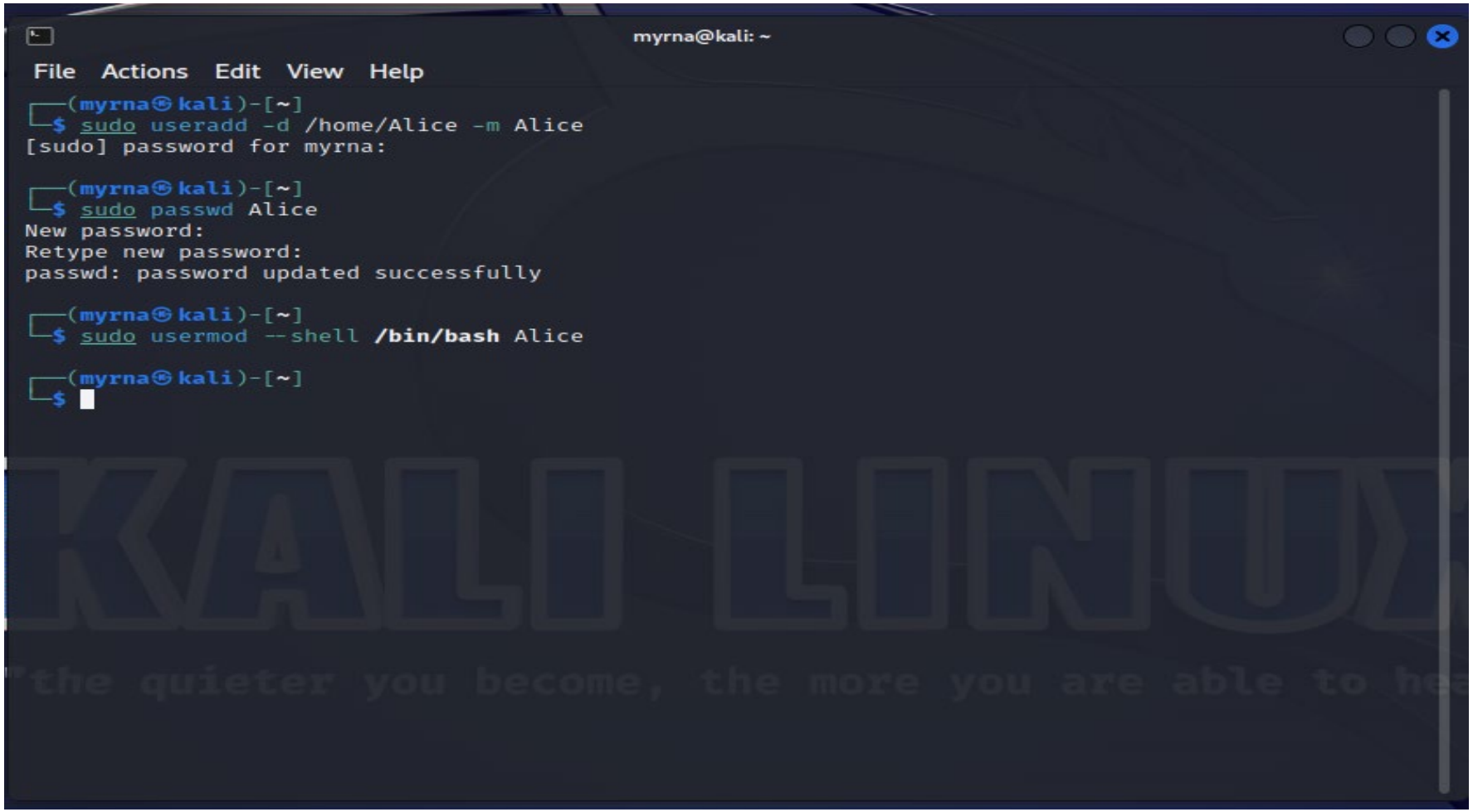
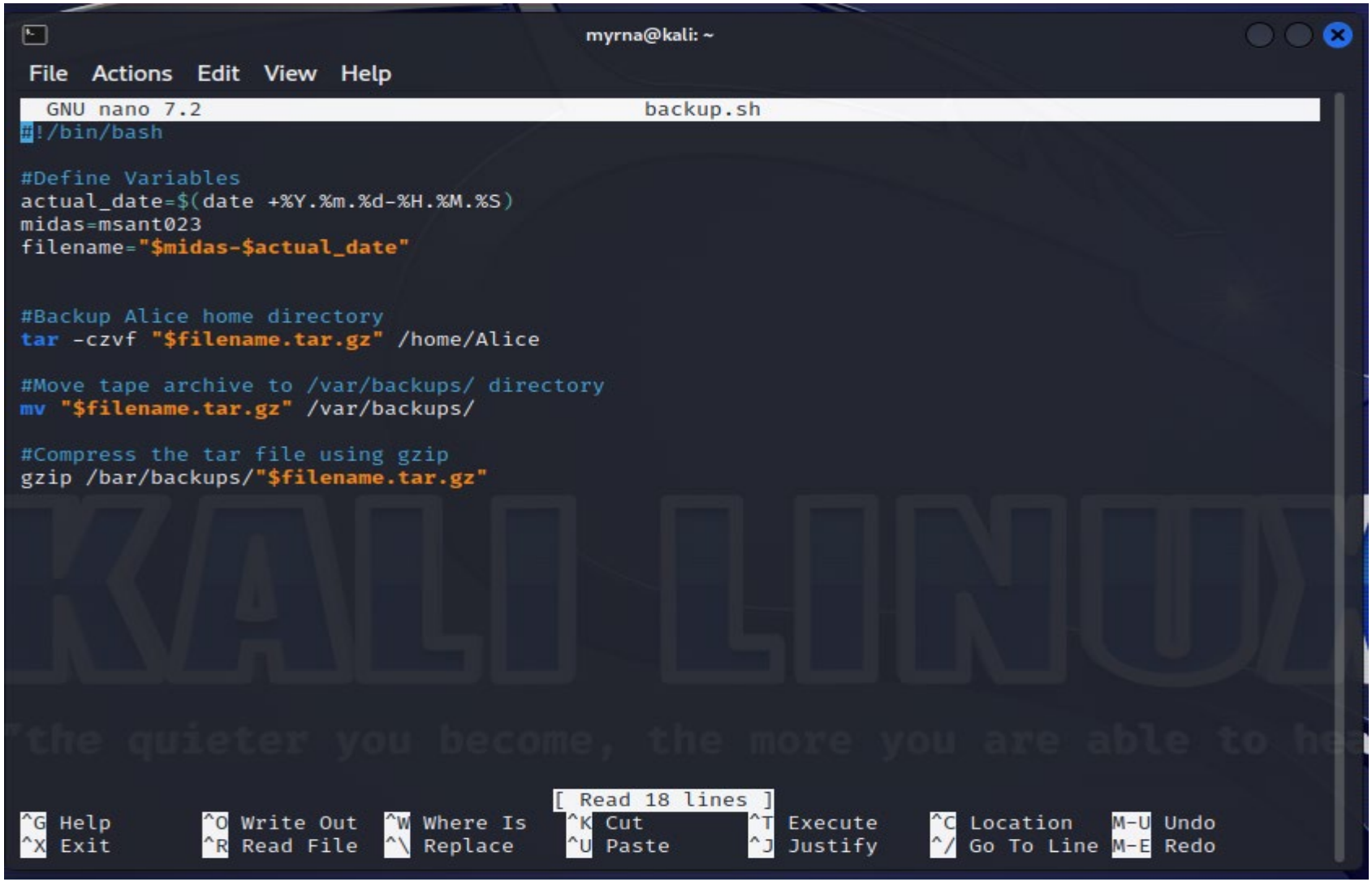
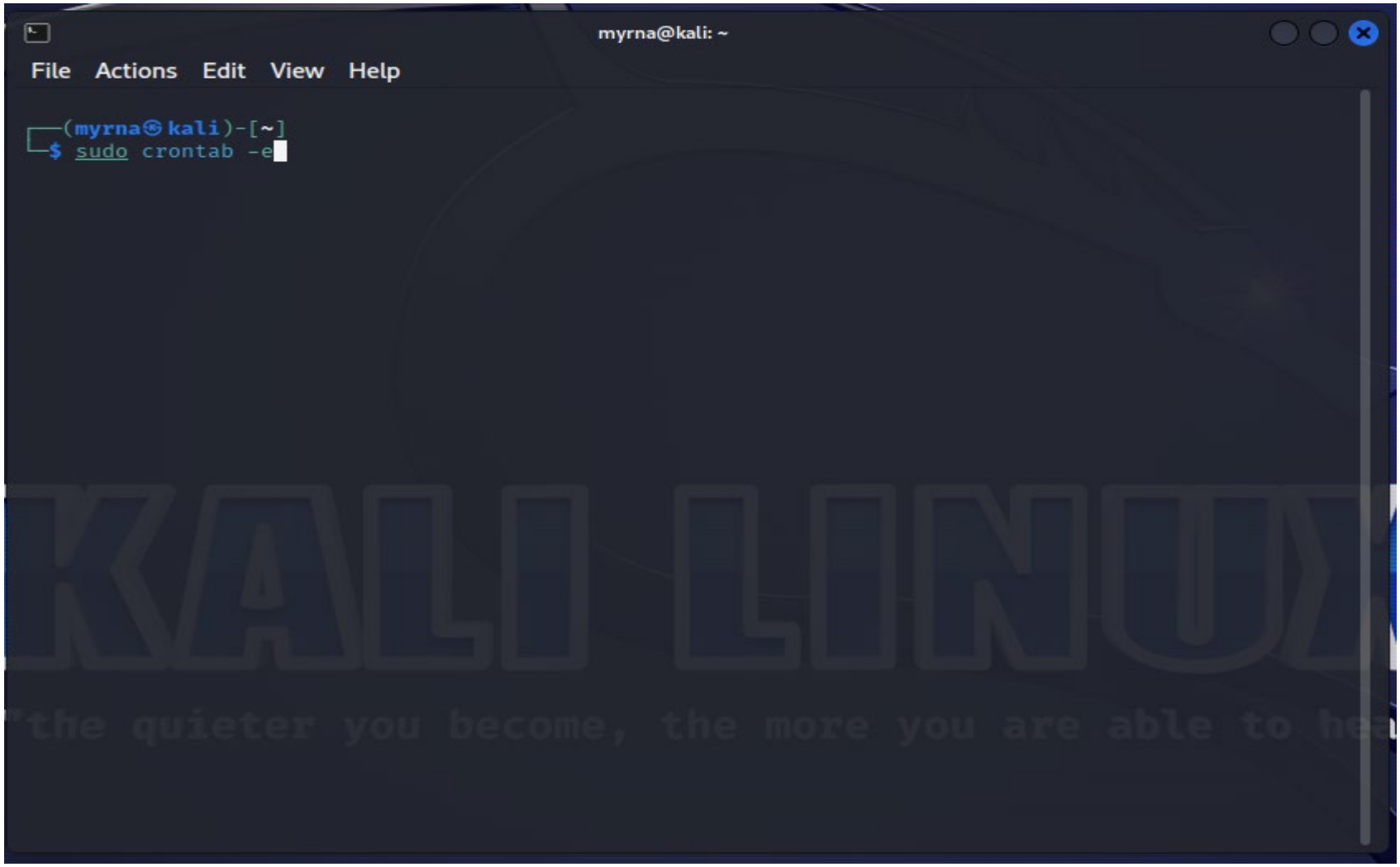
Task A, Step 1: Alice account was created with home directory and password assigned to Thunder32!.

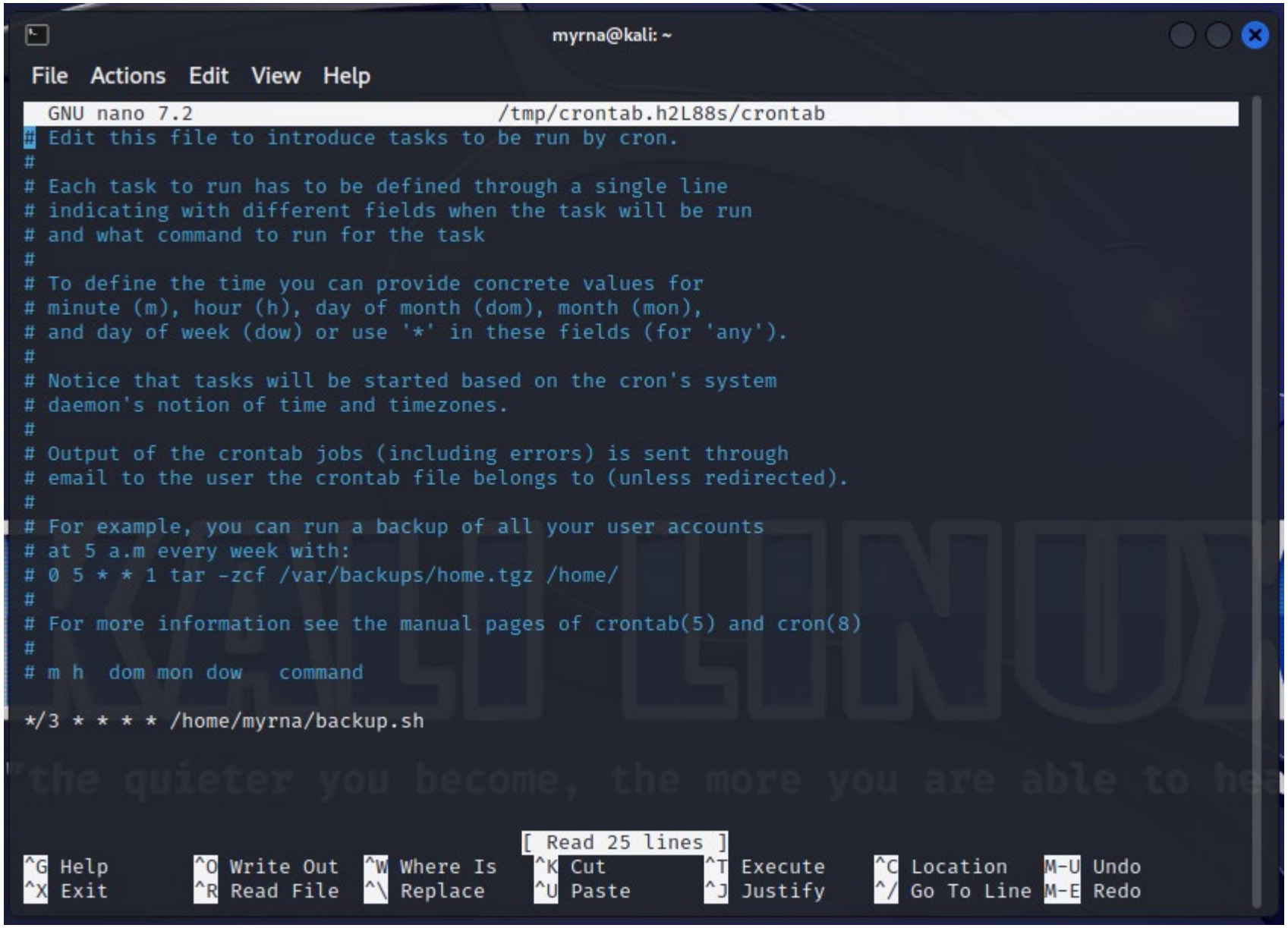


Step 2A-B-C: A shell script was written to take two inputs to assign them to filename variable in the format of Midas and date-time. A tape archive was also created. After which the archive file was moved to the /var/backups and compress to maximize storage.

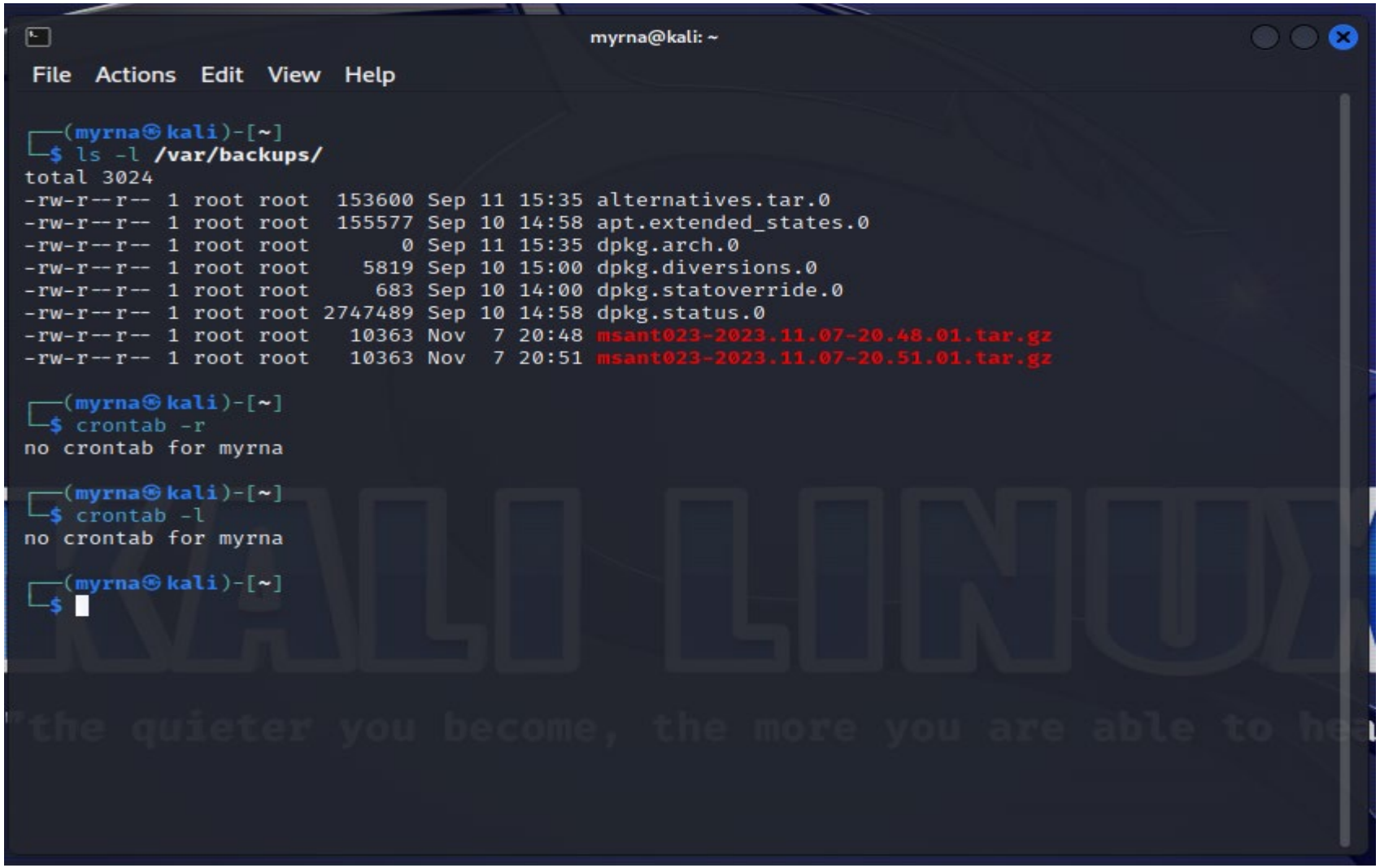


Step 3: A crontab file was created using crontab -e to schedule the task to run in 3 minutes intervals and save the result on /var/backups.




myrna@kali: ~
File Actions Edit View Help
GNU nano 7.2 /tmp/crontab.h2L88s/crontab
Edit this file to introduce tasks to be run by cron.
#
Each task to run has to be defined through a single line
indicating with different fields when the task will be run
and what command to run for the task
#
To define the time you can provide concrete values for
minute (m), hour (h), day of month (dom), month (mon),
and day of week (dow) or use '*' in these fields (for 'any').
#
Notice that tasks will be started based on the cron's system
daemon's notion of time and timezones.
#
Output of the crontab jobs (including errors) is sent through
email to the user the crontab file belongs to (unless redirected).
#
For example, you can run a backup of all your user accounts
at 5 a.m every week with:
0 5 * * 1 tar -zcf /var/backups/home.tgz /home/
#
For more information see the manual pages of crontab(5) and cron(8)
#
m h dom mon dow command
*/3 * * * * /home/myrna/backup.sh
[Read 25 lines]
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo

Step 3-4: The results of the backups can be seen in red. Once we obtain them we use cronbat -r to eliminate the cronbat file and cronbat -l to verify that the file was erase.



Task B: System Cleanup was created by shell script. Using the format of “Midas-“ we scan /var/backups directory to find all the instances that the backup was done. Once identified from oldest to most recent the scrip will erase the oldest ones and leaves the most recent 3.