

Task 6: Crontab Practice

crontab -e

Add the following lines at the end of the file:

1. Print 'Good morning!' every day at 8 AM

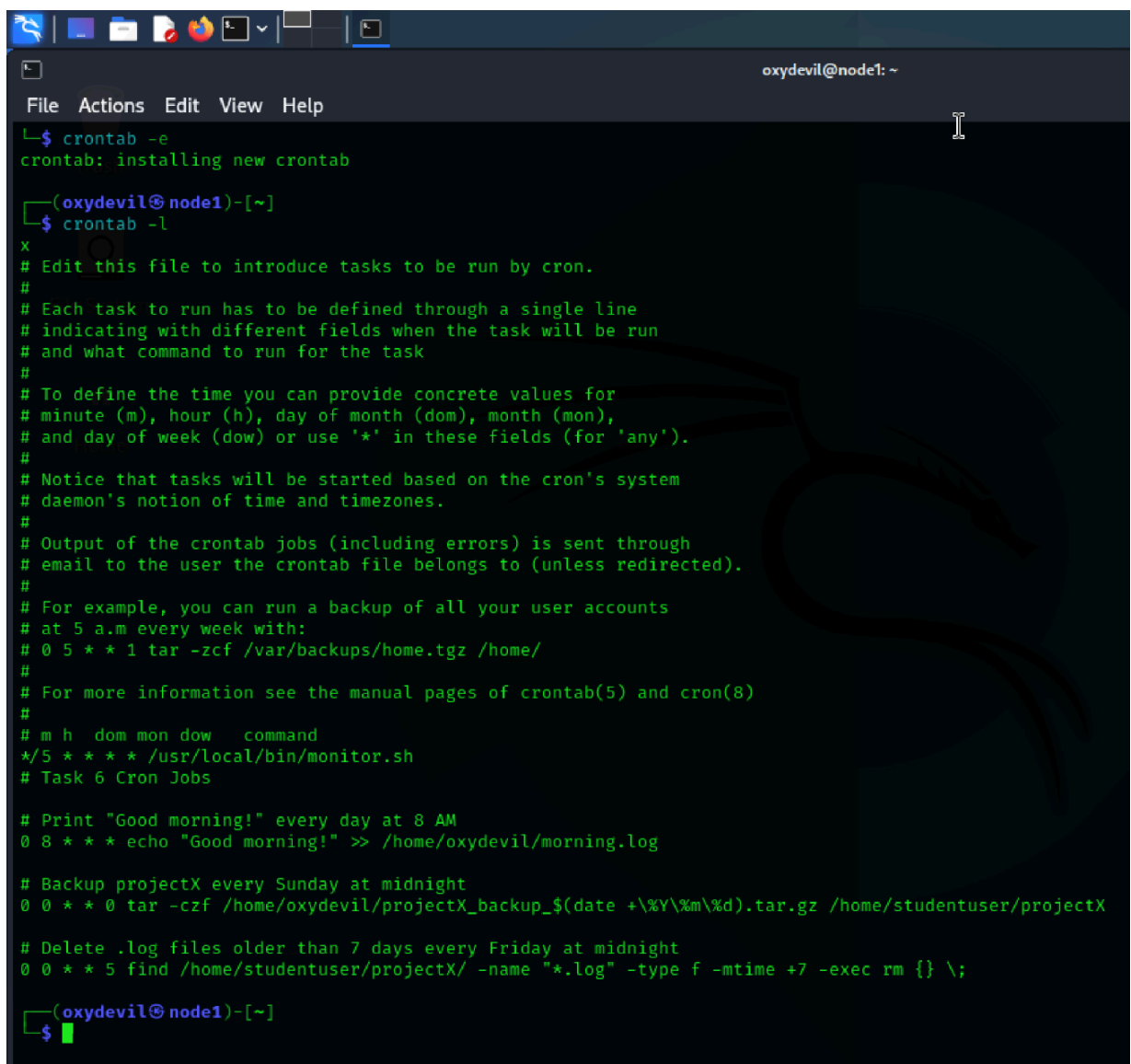
```
0 8 * * * echo "Good morning!" >> /home/studentuser/greeting.txt
```

2. Backup projectX directory every Sunday

```
0 0 * * 0 tar -czf /home/studentuser/projectX_backup_$(date +%Y%m%d).tar.gz  
/home/studentuser/projectX/
```

3. Delete .log files older than 7 days every Friday at midnight

```
0 0 * * 5 find /home/studentuser/projectX/ -name "*.log" -type f -mtime +7 -exec rm {}  
\;
```



```
oxydevil@node1: ~  
File Actions Edit View Help  
oxydevil@node1: ~  
$ crontab -e  
crontab: installing new crontab  
oxydevil@node1: ~  
$ crontab -l  
x  
# 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  
*/5 * * * * /usr/local/bin/monitor.sh  
# Task 6 Cron Jobs  
  
# Print "Good morning!" every day at 8 AM  
0 8 * * * echo "Good morning!" >> /home/oxydevil/morning.log  
  
# Backup projectX every Sunday at midnight  
0 0 * * 0 tar -czf /home/oxydevil/projectX_backup_$(date +%Y%m%d).tar.gz /home/studentuser/projectX  
  
# Delete .log files older than 7 days every Friday at midnight  
0 0 * * 5 find /home/studentuser/projectX/ -name "*.log" -type f -mtime +7 -exec rm {} \;
```