Task 6: Crontab PracticeTask 6: Crontab Practice

1. Open crontab editor for `studentuser` :

crontab -e

2. Add the 3 cron jobs at the bottom:

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

0 0 * * 0 tar -czf /home/studentuser/projectX_backup_$(date +\%F).tar.gz /home/studentuser/projectX

0 0 * * 5 find /home/studentuser/projectX -type f -name "*.log" -mtime +7 -delete

3. Check if your cron jobs are running:

* * * * * echo "cron test $(date)" >> /home/studentuser/test_cron.txt

4. check the file after a minute:

cat /home/studentuser/test_cron.txt

Conclusion: Task 6 involved creating three cron jobs to automate routine tasks: displaying a morning greeting at 8 AM, backing up the project directory every Sunday, and deleting `.log` files older than 7 days every Friday at midnight. This task reinforced the use of `cron` for time-based automation in Linux.