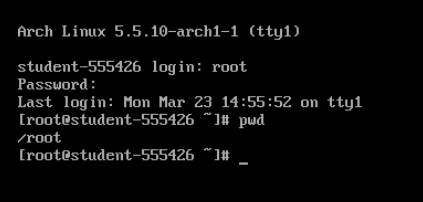
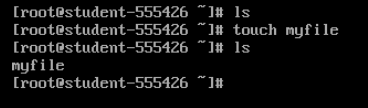
# ACW Lab Screenshots

Part 1

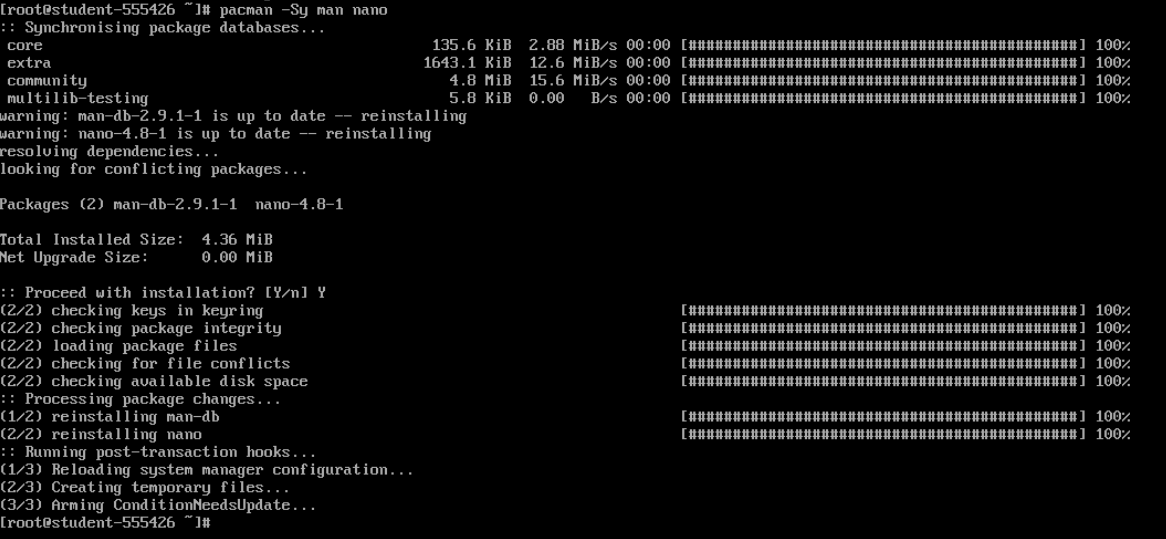
PWD Command – Exercise 2

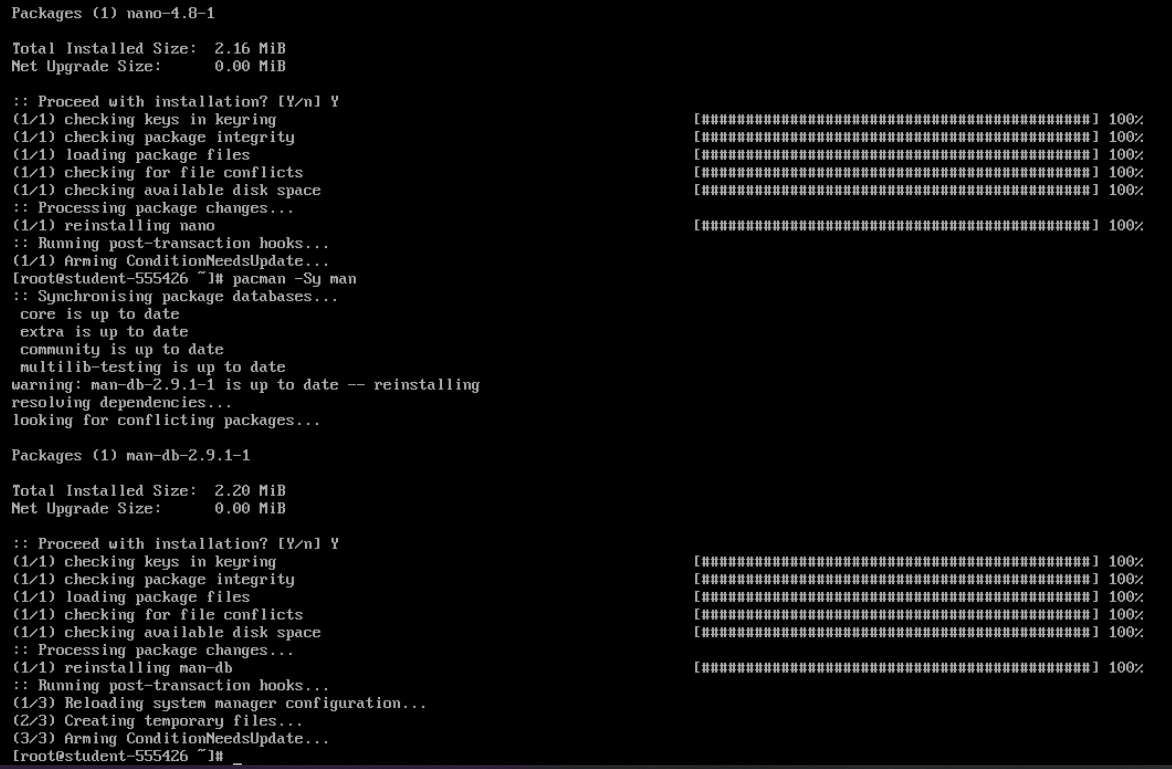


Touch & LS Command – Exercise 2

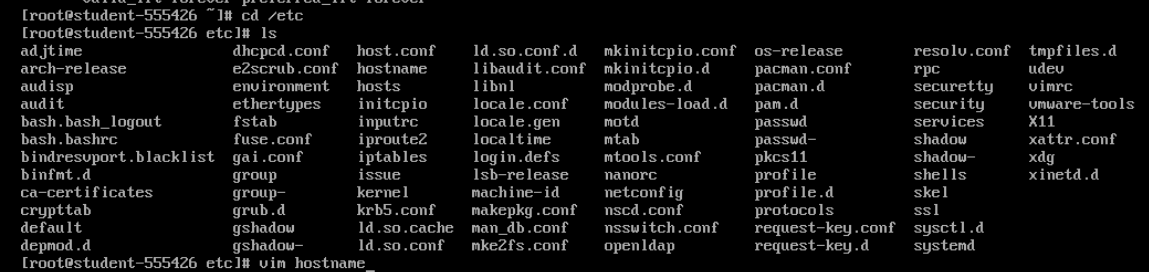


Install Man & Nano – Exercise 2



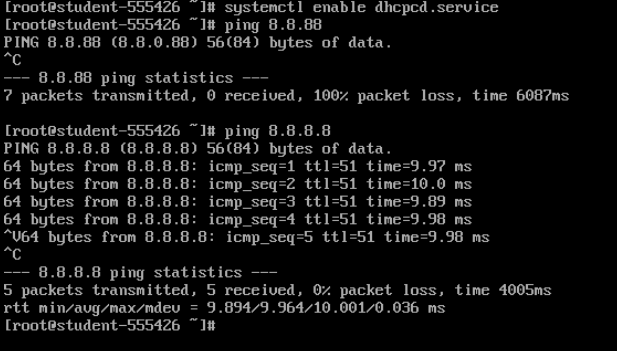


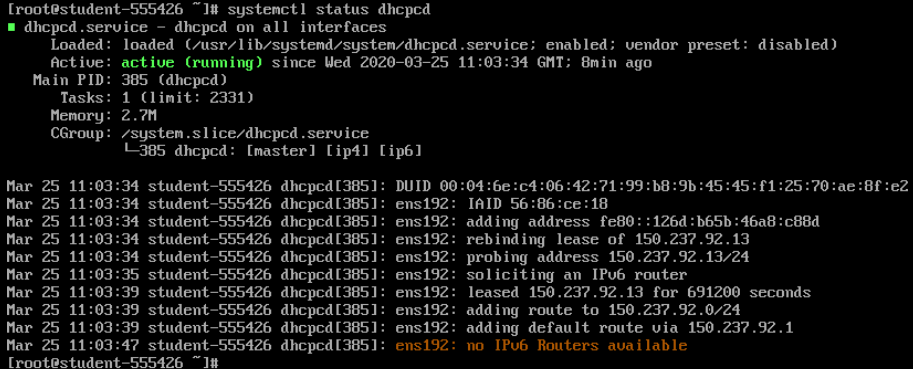
Connect to the Internet – Exercise 4 & 5



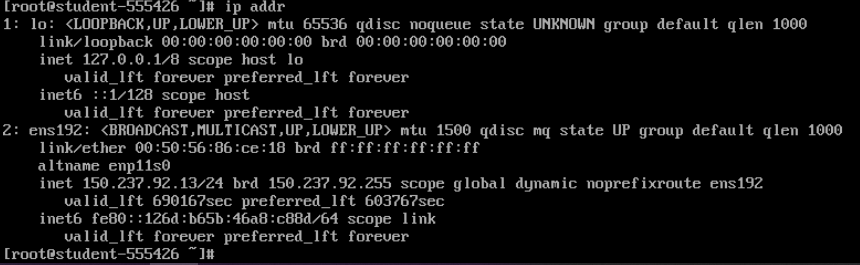






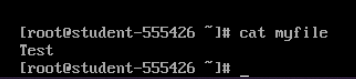


Exercise 7 – IP addr

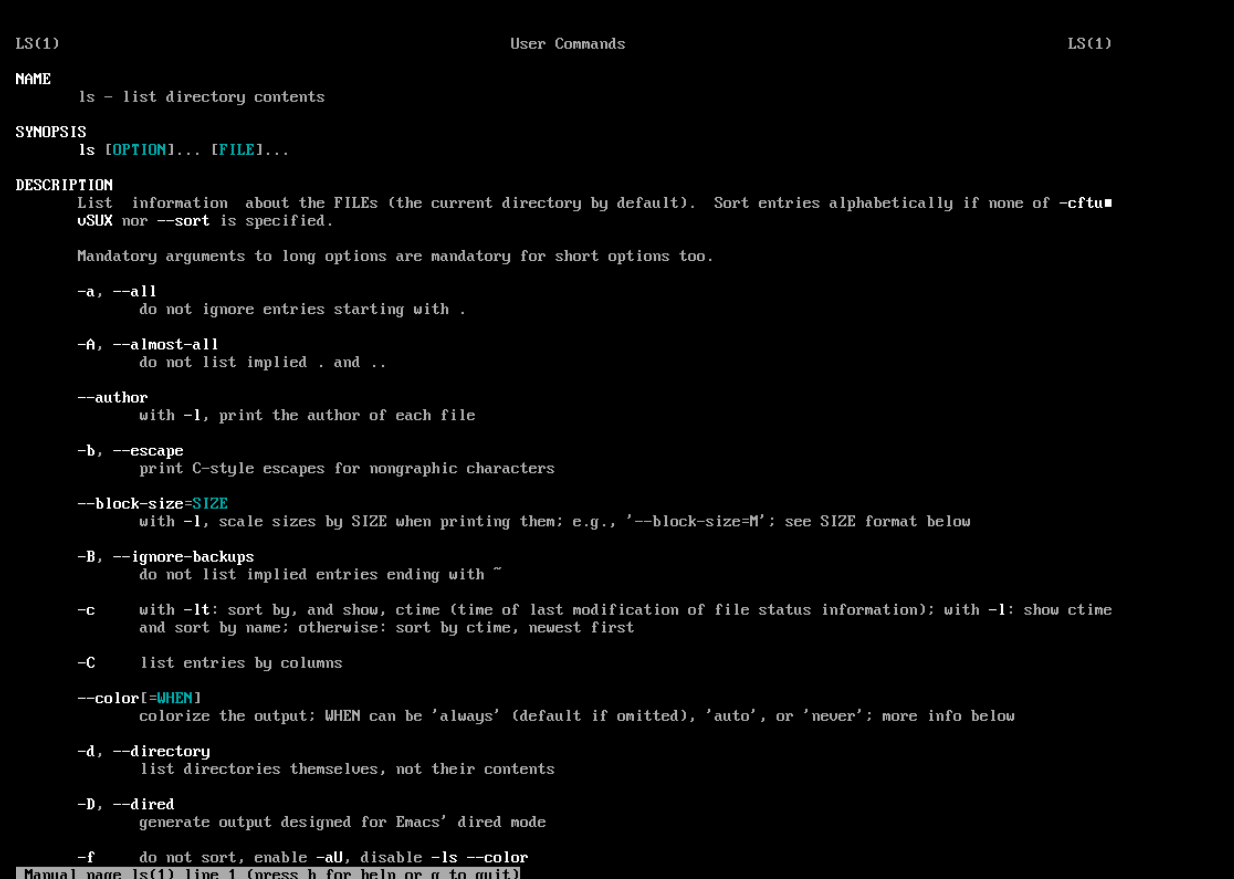


Exercise 9 – Nano

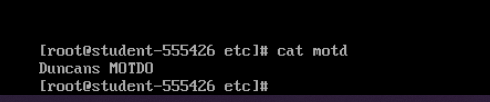


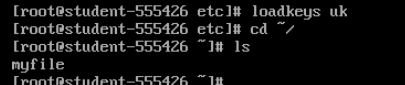


Exercise 10 – Manuals



Exercise 11 – CD MOTD Nano



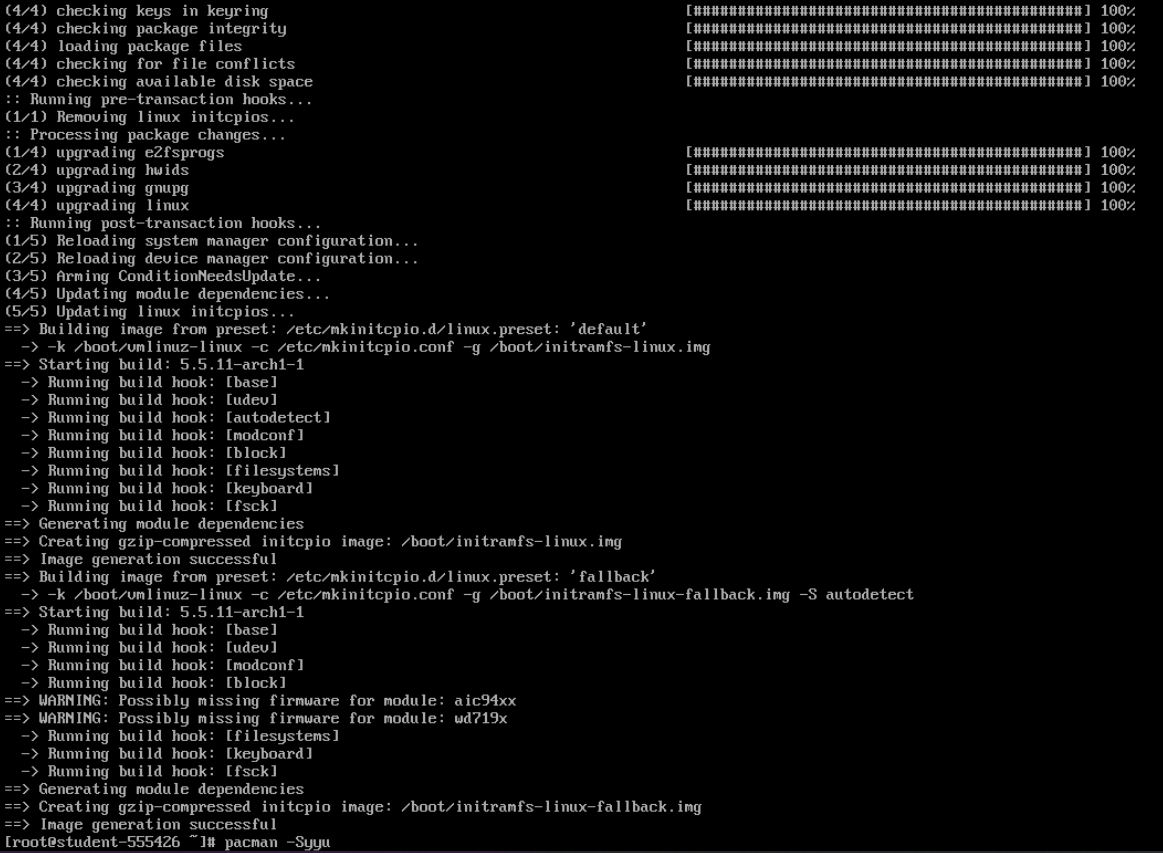




Exercise 13 – pacman

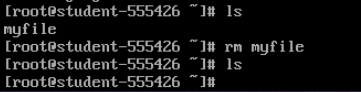


Exercise 14 – full upgrade

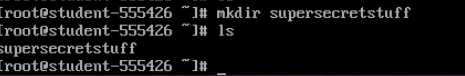


Part 2

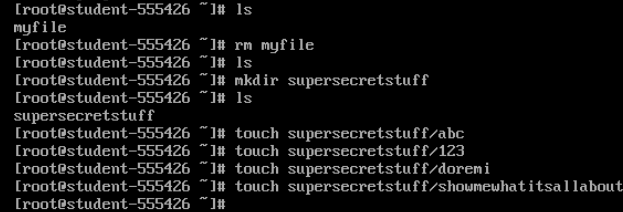
Exercise 1 – RM



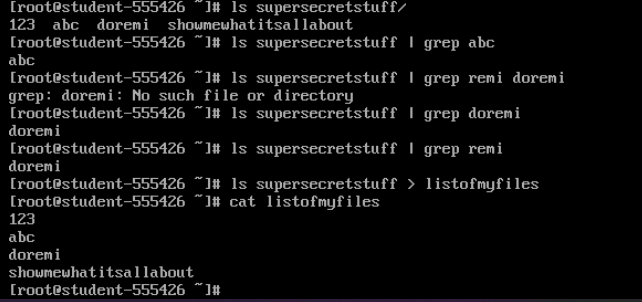
Exercise 2 – Mkdir



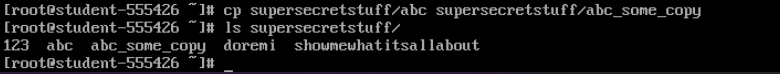
Exercise 3 – Touch files inside directory



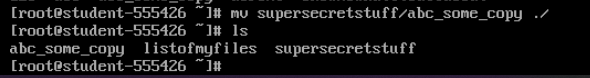
Exercise 4: Piping



Exercise 5 – Copy



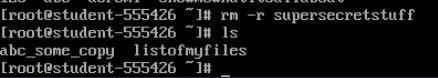
Exercise 6 – Move



Exercise 7 – Rm expanded



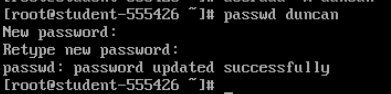




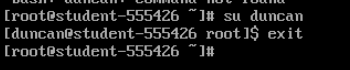
Exercise 8 – Create a user account



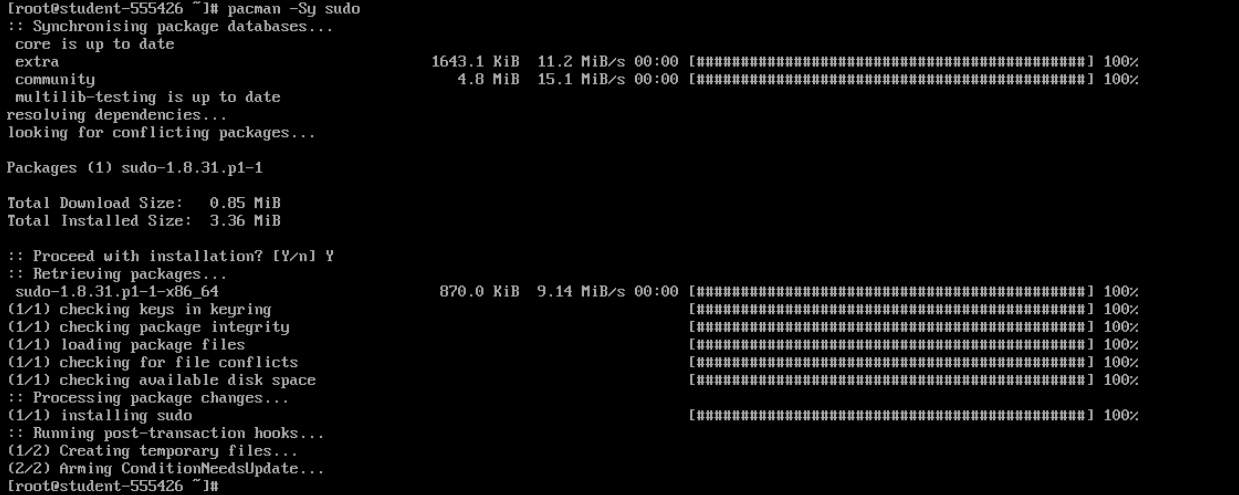
Exercise 9 – Changing passwords



Pass: duncan

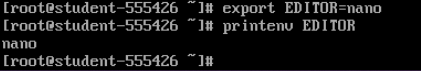


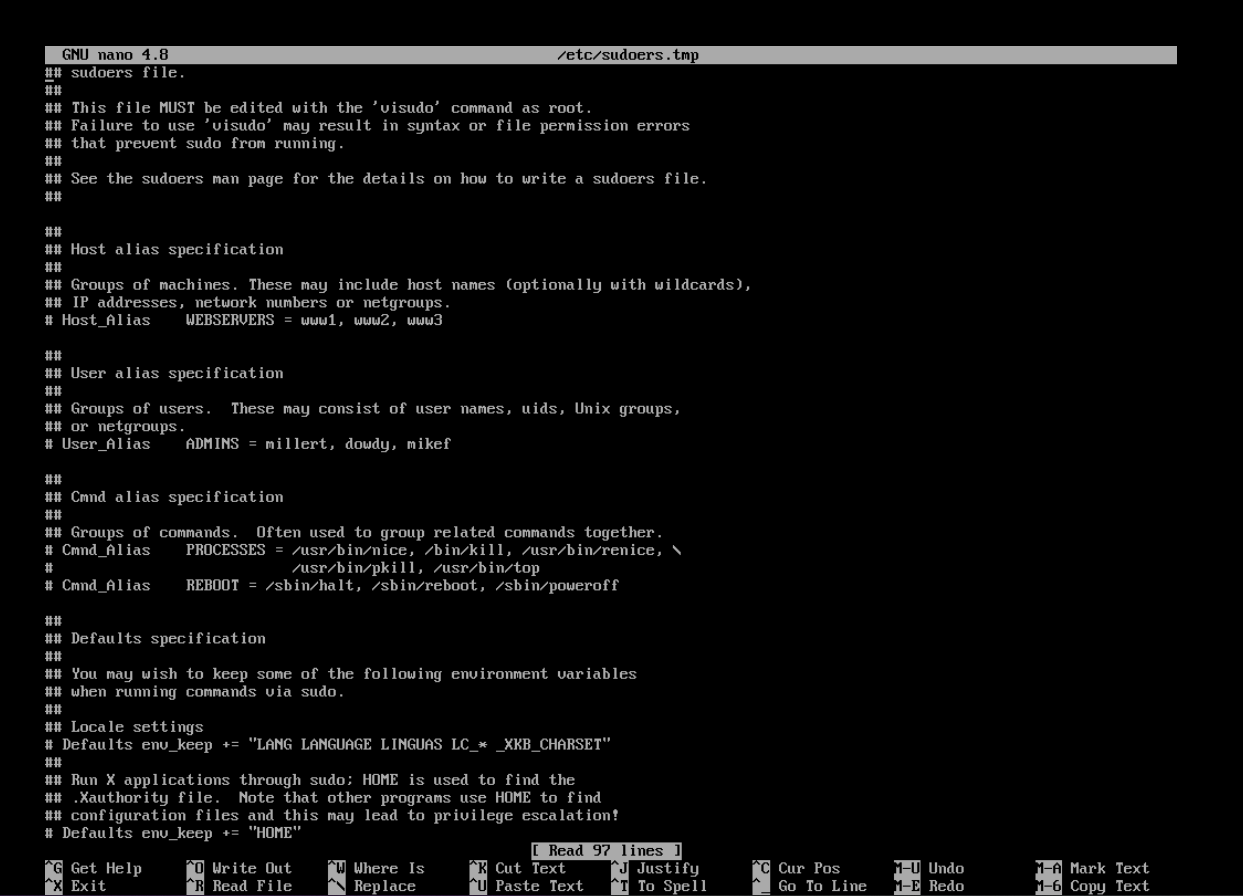
Exercise 10 – install sudo

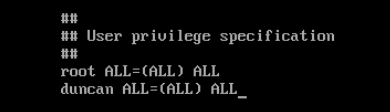


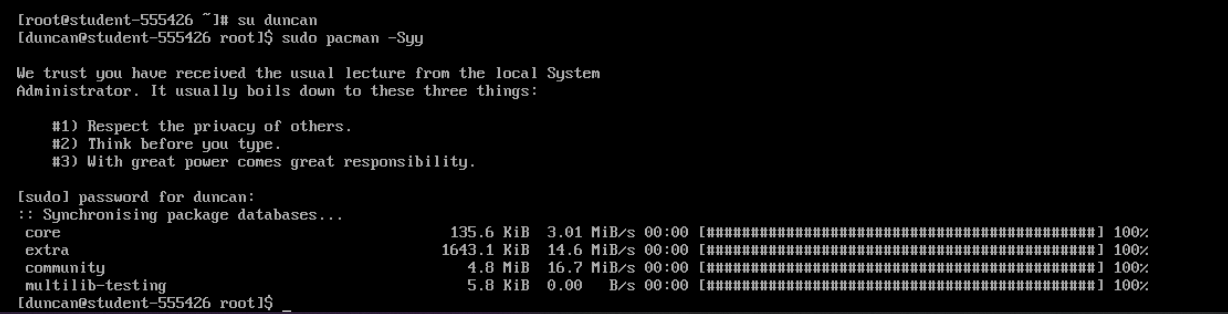
Exercise 11 – Visudo



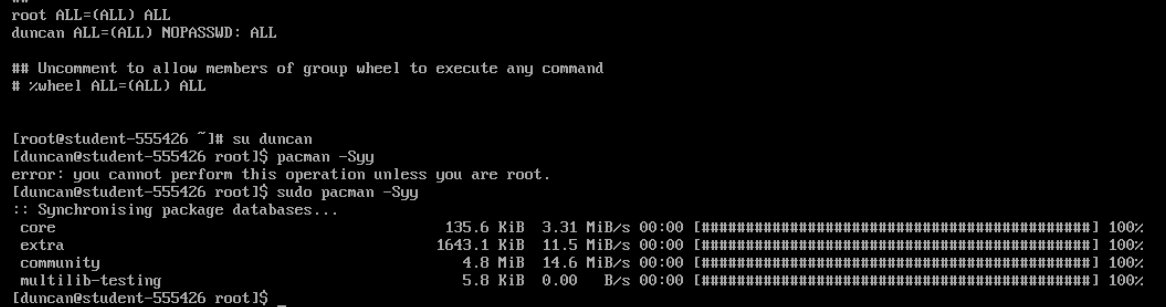




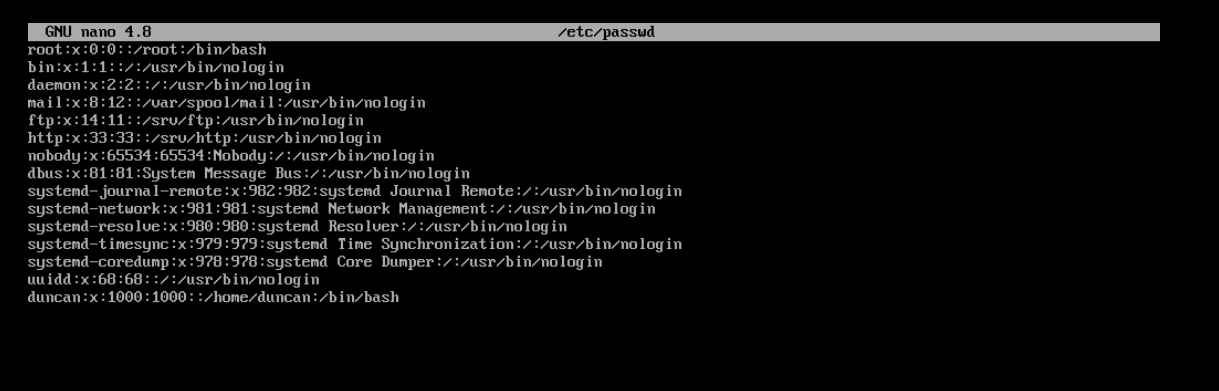




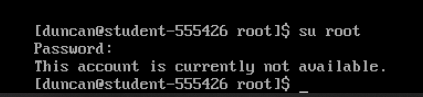
Exercise 13 – Sudo permissions

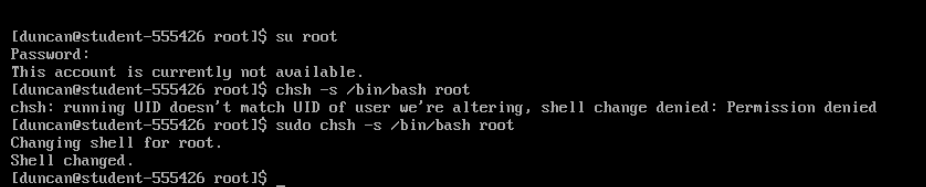


Exercise 14







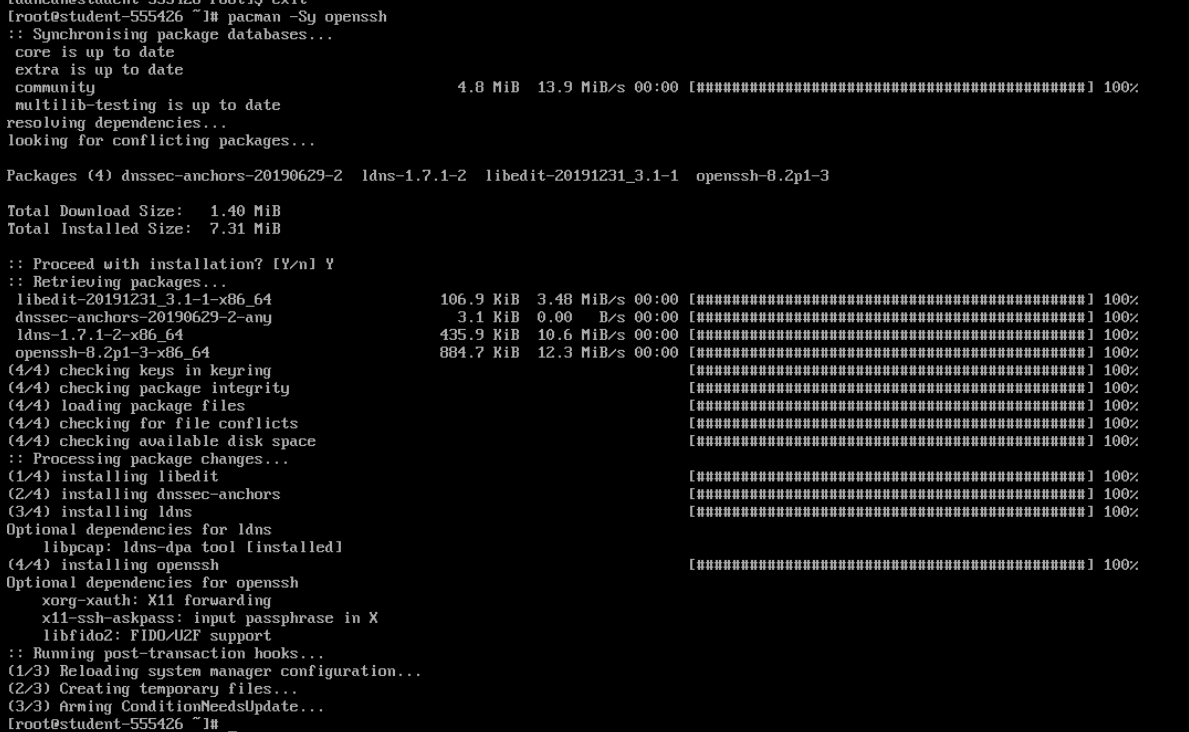


Exercise 15 – Loadkeys



Part 3

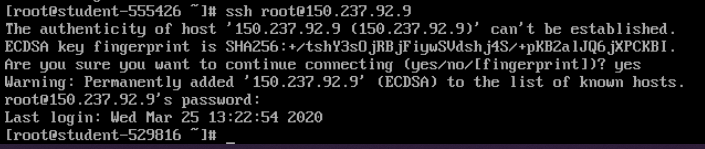
Exercise 1 – OpenSSH



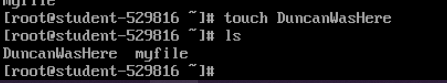
Exercise 2 – start SSHD



Exercise 4 – SSH to other VM

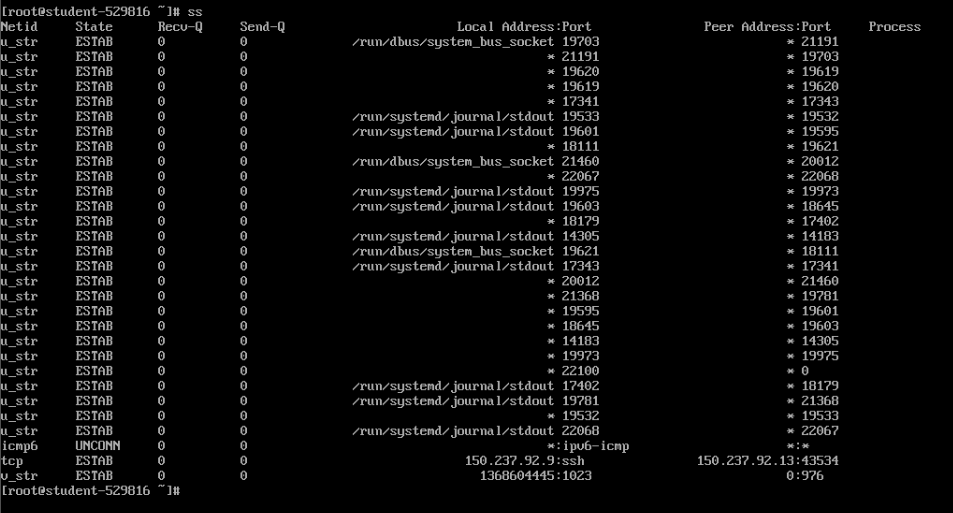


Exercise 5 – Create files through ssh



Exercise 6 – Watch LS

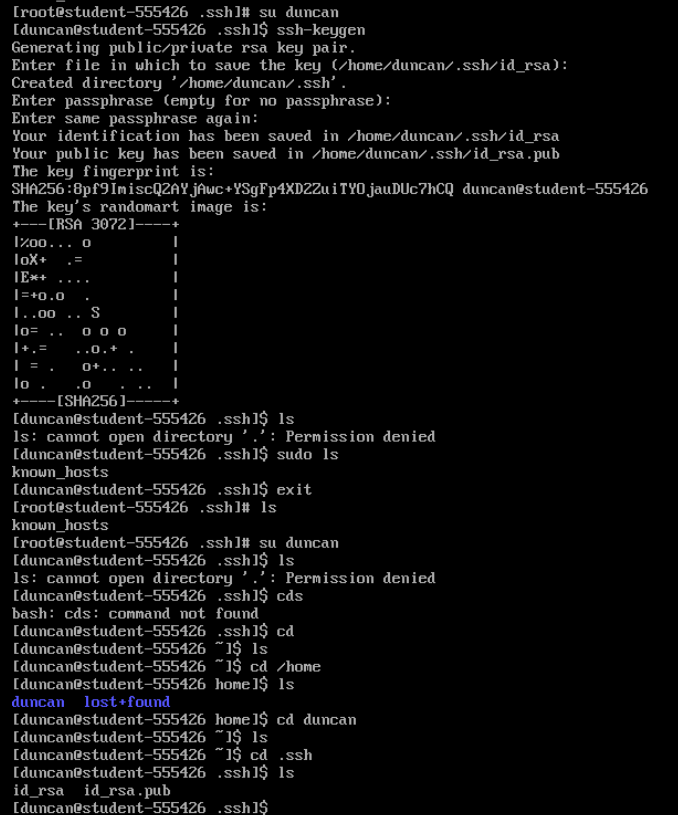




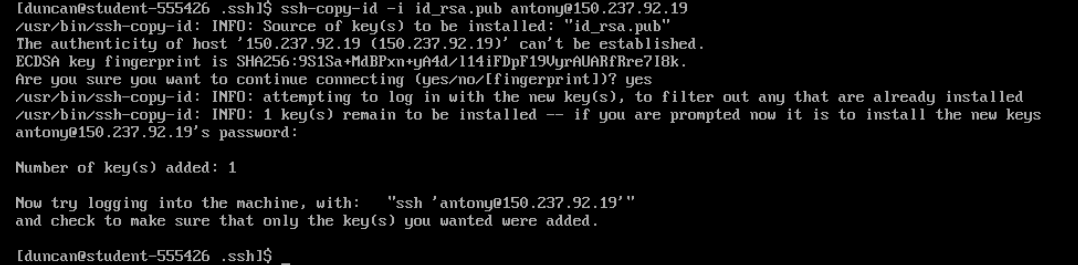
Exercise 7 – Journalctl

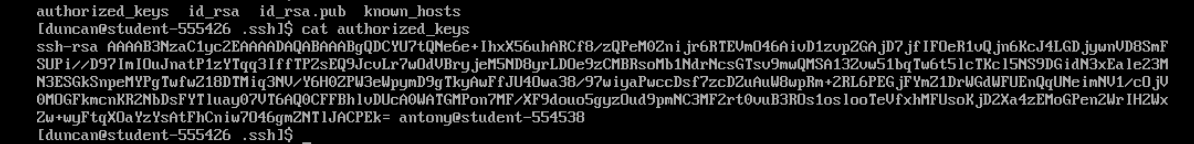


Exercise 7 – Keypair



Add public key

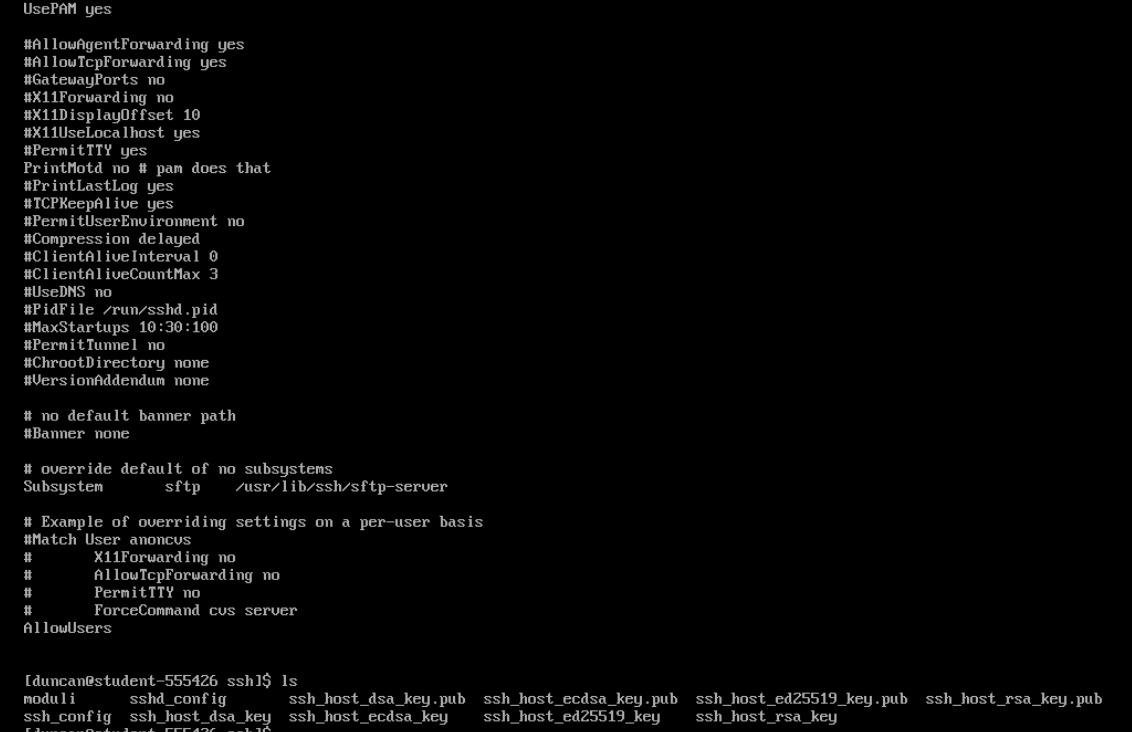




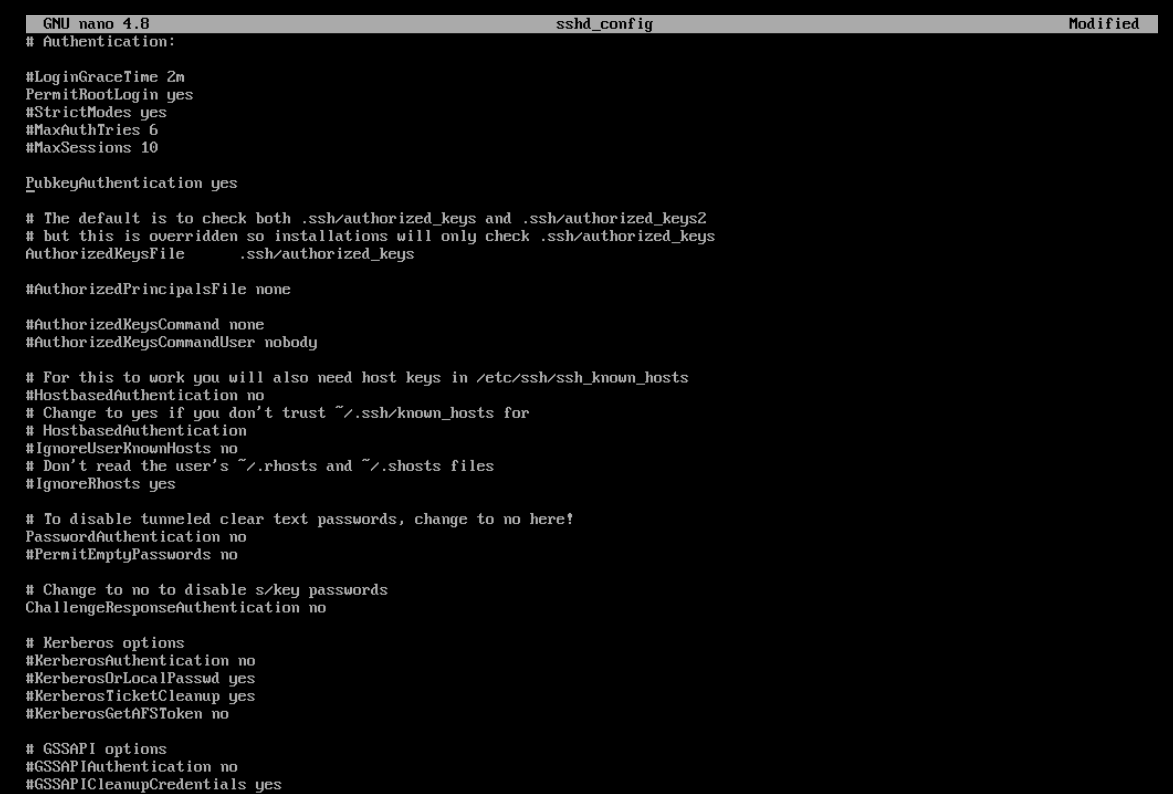
Install ashleys key using wget

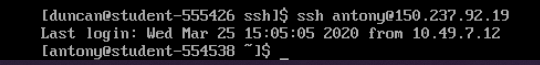


Exercise 8 – Allow users



Exercise 9



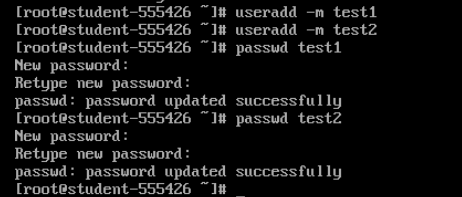


Lab 04

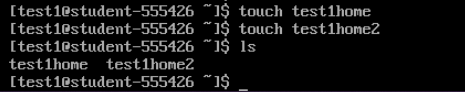
Exercise 1 – Create Ashley account



Exercise 2 – Create 2 users and change passwords



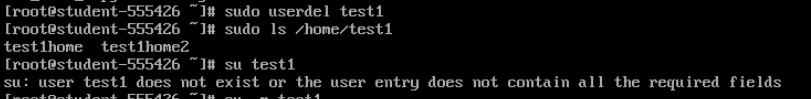
Passwords: Test 1: duncantest1 Test2: duncantest2

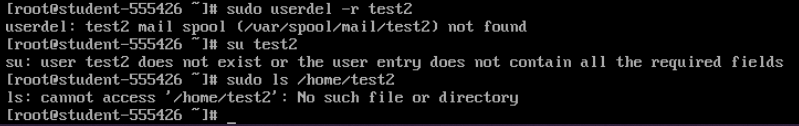




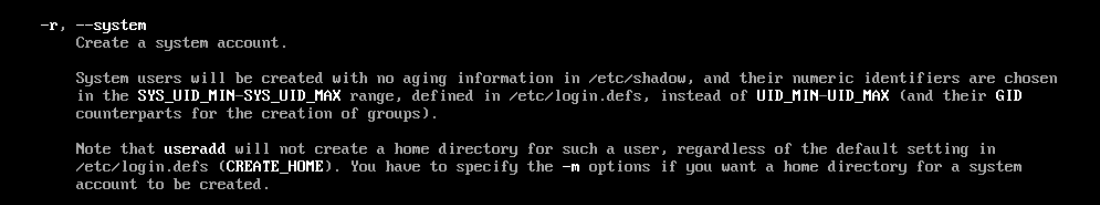
Default pass is 1000 by default these are both 1002 and 1003

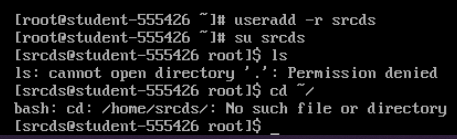
Exercise 3 - Delete Users



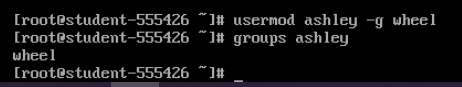


Exercise 4 create a system user

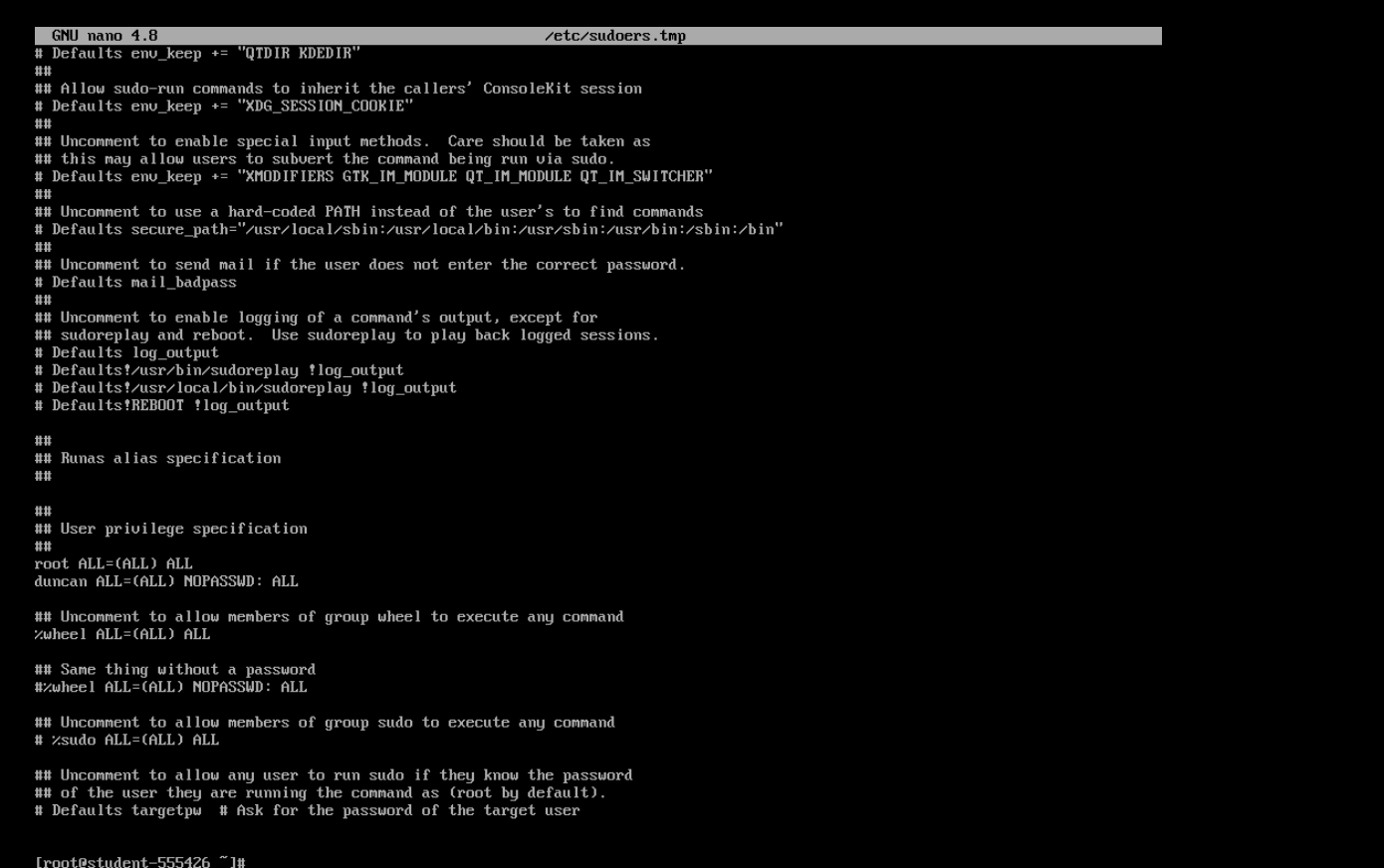




Exercise 5 – Add Ashley to wheel



Exercise 6 – Grant wheel SUDO with password



Tested by enabling no password then su Ashley user to test sudo functionality. Then went back to change to requiring a password. Testing was simple Sudo ls is a completely innocent command

Exercise 7 – add group



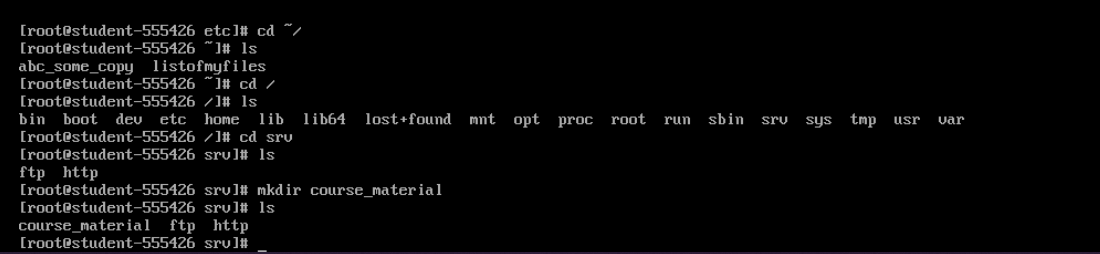


Exercise 8 – change group name





Exercise 9 – create a new directory for group





Currently everyone can do anything to this directory

Exercise 10 – Chown





Exercise 11 – Permissions

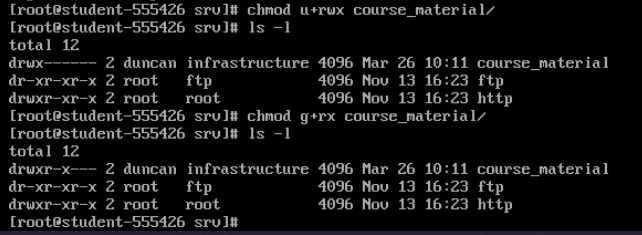
RWX RWX RWX

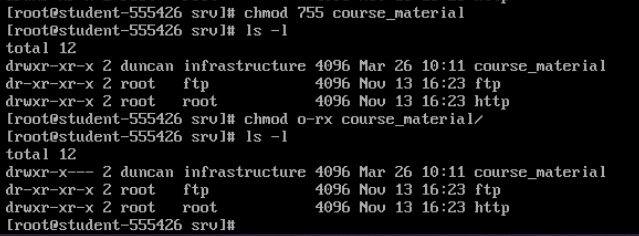
421 421 421

111 101 000

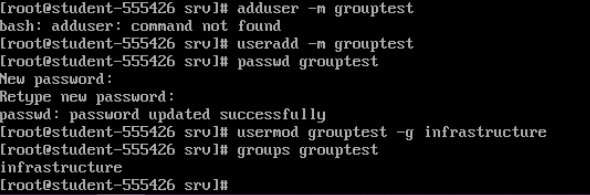
7 5 0

750 Octal

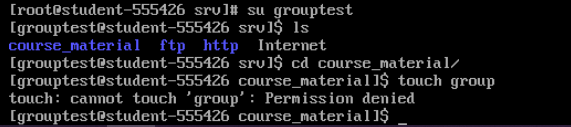




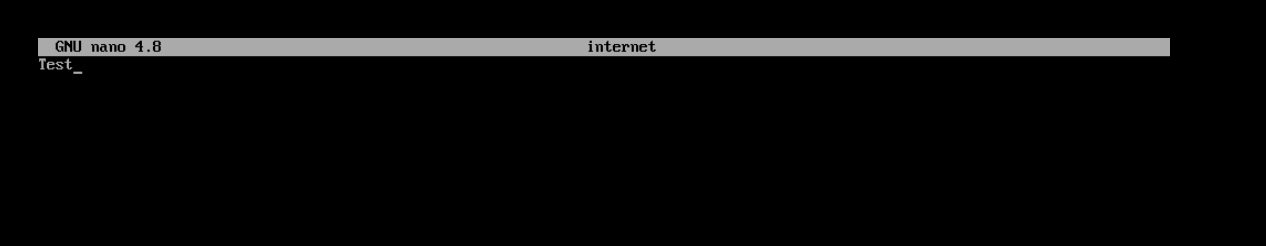


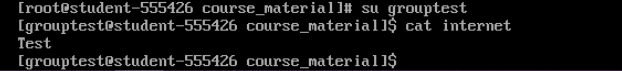


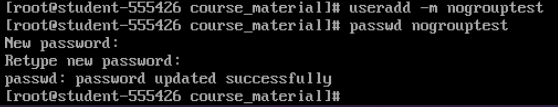
Grouptest pass: grouptest1



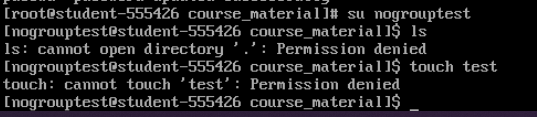
Nanoed with sudo user

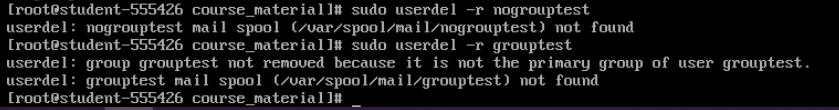




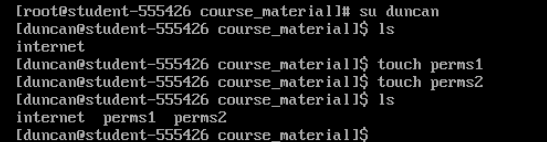


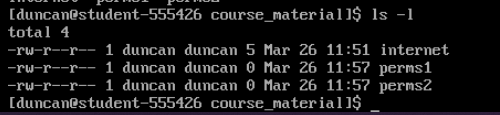
Password nogroup





Exercise 12 – permissions 2





Exercise 13 – Permissions Final

Add write access to user owner

Chmod u+w file/directory

Chmod g-x file/directory

Chmod 0-rwx file/directory

