

(1Q

```
osoolian_99521073@99521073:~$ sudo tar cf ./backup.tar Desktop
osoolian_99521073@99521073:~$ ls
backup.tar      Desktop      Downloads    Music        Public        Templates
badlogins.txt   Documents    examples.desktop  Pictures     sentences.txt  Videos
```

(Q2

```
osoolian_99521073@99521073:~/Desktop$ cat /etc/passwd | cut -d ':' -f 1,6 > people.txt
osoolian_99521073@99521073:~/Desktop$ zip ./people.zip people.txt
adding: people.txt (deflated 58%)
osoolian_99521073@99521073:~/Desktop$ cat people.txt
root:/root
daemon:/usr/sbin
bin:/bin
sys:/dev
sync:/bin
games:/usr/games
man:/var/cache/man
lp:/var/spool/lpd
mail:/var/mail
news:/var/spool/news
uucp:/var/spool/uucp
proxy:/bin
www-data:/var/www
backup:/var/backups
list:/var/list
irc:/var/run/ircd
gnats:/var/lib/gnats
nobody:/nonexistent
```

(Q3

```
osoolian_99521073@99521073:~/
GNU nano 2.5.3      File: crontab
# /etc/crontab: system-wide crontab
# Unlike any other crontab you don't have to run the `crontab`
# command to install the new version when you edit this file
# and files in /etc/cron.d. These files also have username fields,
# that none of the other crontabs do.
SHELL=/bin/sh
PATH=/usr/local/sbin:/usr/local/bin:/sbin:/bin:/usr/sbin:/usr/bin

# m h dom mon dow user  command
17 * * * * root    cd / && run-parts --report /etc/cron.hourly
25 6 * * * root    test -x /usr/sbin/anacron || ( cd / && run-parts --report /etc/cron.daily )
47 6 * * 7 root    test -x /usr/sbin/anacron || ( cd / && run-parts --report /etc/cron.weekly )
52 6 1 * * root    test -x /usr/sbin/anacron || ( cd / && run-parts --report /etc/cron.monthly )
#
```

(Q4

```
osoolian_99521073@99521073: ~
osoolian_99521073@99521073:~$ at now +5 min
warning: commands will be executed using /bin/sh
at> date "+%T" > test.txt
at> <EOT>
job 2 at Wed Apr 26 12:51:00 2023
osoolian_99521073@99521073:~$
```