1. What does the following lines in an fstab file mean?

```
LABEL=vol4    /forms    ext3 auto,rw,user,exe 1 3
/dev/hdc    /spec    vfat noauto,owner,ro,user 0 0
```

Mount the partition labeled vol4 on /forms as an ext3 filesystem. This is to happen whenever mount -a is executed (auto), it is to be read-write access (rw), any user can mount the filesystem (user), and it is legal to execute executables on this filesystem (exe). It should be backed up by dump (1) and the order for fsck’ing is third (3).

2. What does the following line in an exports file mean?

```
/forms/mq clumpy(ro) fx*.mydomain.edu (anonuid=500,anongid=200,rw)
```

The filesystem /form/mq is NFS exported to host clumpy for read-only access and to any host whose DNS name matches fx*.mydomain.edu for read-write access and with the uid and gid forced to be 500 and 200 respectively.

3. You acquire a new hard drive and want to put two partitions on it named movies and music. What steps do you go through to get the drive ready for use? Be specific
First you need to partition the drive, probably using fdisk, sfdisk or maybe parted. Then you need to save the partition table to the harddrive. Make an appropriate filesystem on each partition using mkfs or one of its derivatives, like mk2efs. Finally, label the partitions using tune2fs.

Assume the disk is `/dev/hdb`:

```
fdisk /dev/hdb
n to add a partition
n to add a partition
w to write the partition table to the disk
mke2fs /dev/hdb1
mke2fs /dev/hdb2
tune2fs -L movies /dev/hdb1
tune2fs -L music /dev/hdb2
```