CS 409
Quiz 6

1. If you saw the following line in an auto.master file mean?

   ```
   /vlm /etc/vlm.detail     --timeout=3
   ```

   It defines a mount point named vlm for autofs and specifies that the configuration file for the mount point is vlm.detail and that the allowable idle time is 3 minutes.

2. Given the above, what does the following mean in vlm.detail?

   ```
   cdr     -fstype=iso9660,ro,nosuid,nodev    :/dev/cdrom
   ```

   This defines a key for the vlm mountpoint. The device is /dev/cdrom, the filesystem type is iso9660 with mount parameters ro, nosuid and nodev. The device, when active will be mounted at /vlm/cdr.

3. What is the difference between debugfs and tune2fs?

   debugfs provides utilities for investigating the contents of a partition; inodes, data blocks and superblock, and making some changes. tune2fs allows you to modify the tunable parameters of a disk partition. For example mounting and fsck policies, free list sizes, journaling and user capabilities.

4. What happens in the printing subsystem between the time a user prints a file with lpr and the time the file is printed? A diagram might be useful?

   The client passes the file to the lpd server which copies it into the printer spool directory while passing it through any necessary filters and creates a control file for it. When the printer is free, the lpd server copies to file to the printer, passing it through any necessary filters.