Question 1

Who here is running Windows?

⊠http://cygwin.com/install.html
⊠https://github.com/resbaz/nectar-cloud-lessons/blob/master/Lessons/Lesson_III/Installing_CygWin.md

ssh (**s**ecure **sh**ell)

ssh –i <key> <user_id>@<address>
Eg, for Anna's Drupal server:
ssh –i tut.pem ubuntu@144.6.225.224

Question 2

The NeCTAR image catalogue can be found at:
https://wiki.rc.nectar.org.au/wiki/Image_Catalog
What Operating system is the Drupal server
based on?
A) Fedora
B) Debian
C) Centos
D) Ubuntu
E) Scientific Linux

?

Is this a your error message?

```bash
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
@           WARNING: UNPROTECTED PRIVATE KEY FILE!          @
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
Permissions 0777 for '.ssh/tut_dev.pem' are too open.
It is required that your private key files are NOT
accessible by others.
This private key will be ignored.
bad permissions: ignore key: .ssh/nectar_dev.pem
ubuntu@144.6.225.224's password:
```

Another command!

chmod (**ch**ange file **mod**e)

Form:
chmod <mode> <file>

Eg:
chmod u=rw,go-rwx tut_dev.pem

Are you there yet?

```
Welcome to Ubuntu 14.04.2 LTS (GNU/Linux 3.13.0-36-generic
x86_64)

 * Documentation:  https://help.ubuntu.com/
Last login: Mon Mar 30 01:27:13 2015 from vpac.org
ubuntu@rstudio:~$
```

Did you get?

```
$ apt-get update
```
E: Could not open lock file /var/lib/apt/lists/lock – open (13: Permission denied)
E: Unable to lock directory /var/lib/apt/lists/
E: Could not open lock file /var/lib/dpkg/lock – open (13: Permission denied)
E: Unable to lock the administration directory (/var/lib/dpkg/), are you root?

sudo to the rescue!

sudo (**s**uper **u**ser **do**)
So:
sudo apt-get update
sudo apt-get upgrade