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**Lab 5: Minix operating system**

**Step 2:** Write up a description of your steps. Imagine you are writing a guide for a class-mate unfamiliar with setting up a Minix system image, and provide instructions guiding them to the point where they can also modify the boot-up messages and rebuild a Minix system (either under vmware on the ECC linux systems, or on your own system).

1. **$ setup vmware**
2. **$ minix-get-image**
3. **$ vmware &**
4. **Type “root” for user**
5. **Type “passwd” to create password**
6. In Minix, type **tcpd ftp /usr/bin/in.ftpd &**
7. Type **ifconfig to get IP address for VM**
8. **Back on terminal, type ftp <IP address>**
9. **cd /usr/src/kernel to access the kernel**
10. get main.c in order to safely work on the file outside of the VM through FTP transfer
11. Exit out of ftp, vim main.c, and modify text in announce() function to whatever you want to change boot-up message to
12. Exit out of file, and connect back to ftp, cd /usr/src/kernel again and put main.c
13. Then back in Minix, cd /usr/src and type make world to recompile Minix
14. If successful, reboot, and msg should pop up!

Here are my results:



