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**Lab 7: Minix Scheduling**

**Write up a description of your steps, which files you modified, and how you observed a change in the scheduler**

1. $ setup vmware
2. $ vmware &
3. Type “root” for user
4. Type “passwd” to create password
5. In Minix, type tcpd ftp /usr/bin/in.ftpd &
6. Type ifconfig to get IP address for VM
7. Back on terminal, type ftp <IP address>
8. cd /usr/src/kernel to access the kernel
9. get **proc.c** in order to safely work on the file outside of the VM through FTP transfer
10. Exit out of ftp, vim proc.c, and find the function called “pick\_proc”
11. Inside the for-loop, add code that randomly selects a queue for q > 3.
12. Exit out of file, and connect back to ftp, cd /usr/src/kernel again and put proc.c
13. Then back in Minix, cd /usr/src and type make world to recompile Minix
14. If successful, reboot, and when the system starts up, it should take noticeabley longer for the start up sequence.

**Results:**



