**Logic Bomb Example from Homework 2**

•First, I created the rpateluser:

useraddrpatel

•Then, I created the directory and two files:

mkdir.system1

mkdir/var/secretdocs

cd /var/secretdocs

touch companyexpensescompanysecrets

•Next, I created my script called app2355:



•Next, I created a cronjob to run my script every minute:

crontab–e

Add this line to the bottom of the crontab

\*/1 \* \* \* \* bash /root/.system1/app2355

•Crontabexecuted programs are not entered into the bash history

•No Cronlog by default in Ubuntu

•At this point, the files, script, history, and crontabexist because rpatelis still active:

 

•Now, I delete the rpateluser:

deluser rpatel

•I wait a minute for the cronjob to run on its own

•Files and all traces are removed of script and job!







•On execution, bash process attaches to inodewhich holds file until last command performed

•Inodeis data structure that represents an object such as a file

•When script completes, file is lost from inode