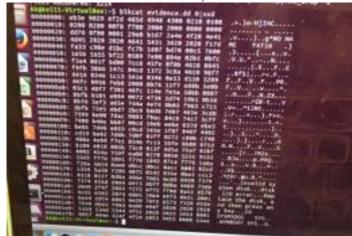
Assignment 3 Notes
Assignment Number: \_\_\_3\_\_\_ Examiner Name: Kelli Kinnikin

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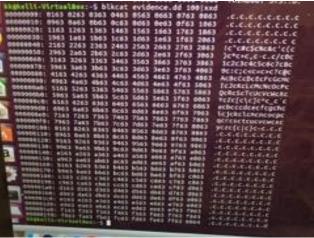
Date & Time Activity	
11/1/17: 2:00	First I downloaded the two files from schoology.
	• scp <u>cis425@mathcswc.fontbonne.edu:~/evidence.dd ./</u>
	• scp <u>cis425@mathcswc.fontbonne.edu:~/evidence.md5 ./</u>
11/1/17: 2:05	Then I had to make a directory named 'Evidence' with this command
	mkdir Evidence
11/1/17: 2:06	Then I needed to mount it with the command
	sudo mount –t auto –o loop,ro evidence.dd Evidence
11/1/17: 2:07	Then I needed to change the directory to Evidence with the command  • cd Evidence
11/1/17: 2:07	
11/1/17.2.07	Then I used 'ls –l' to list all the files in the root directory of evidence.dd
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	1 18 d'mari - N° 2 17 rent rent 1 16:384 Dec 31 5969 - 625 12 5 7 mari 2 18 18 18 18 18 18 18 18 18 18 18 18 18
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	and the first transfer of the first transfer
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11/1/17 2 10	Next, I used the 'fstat evidence.dd' command to find information about the disk.
11/1/17: 2:10	• File System Type: FAT16
	Volume: Label(Root Directory)
	Label: File System Type label: FAT16
	• Sector Size: 512
	• Cluster Size: 8192
11/1/17, 2,15	I then used a list of the following commands to determine whether or not the sectors on the disk were
11/1/17: 2:15	allocated or unallocated.
	Command: 'blkstat evidence.dd 500' (allocated)
	Command: 'blkstat evidence.dd 1000' (allocated)
	Command: 'blkstat evidence.dd 5000' (allocated)
	Command: 'blkstat evidence.dd 8000' (allocated)
11/1/17: 2:20	After that, I needed to write down the content of the block 0 and 100 on the disk.

Initials\_\_\_\_KK\_\_\_\_

• Command: 'blkcat evidence.dd 0|xxd'



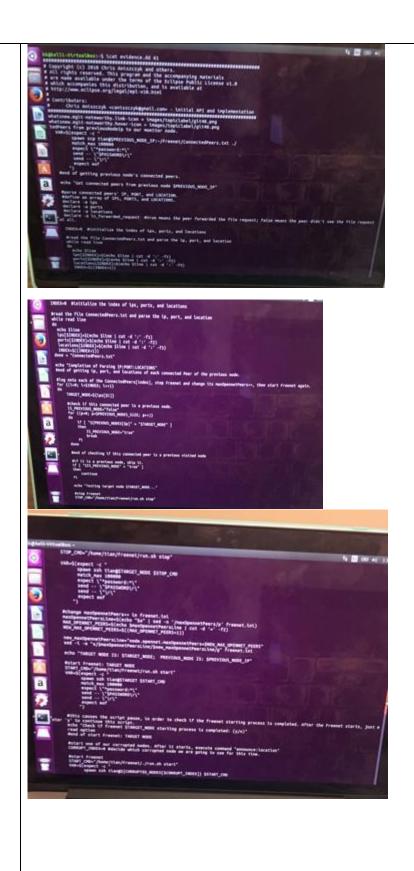
• Command: 'blkcat evidence.dd 100|xxd'

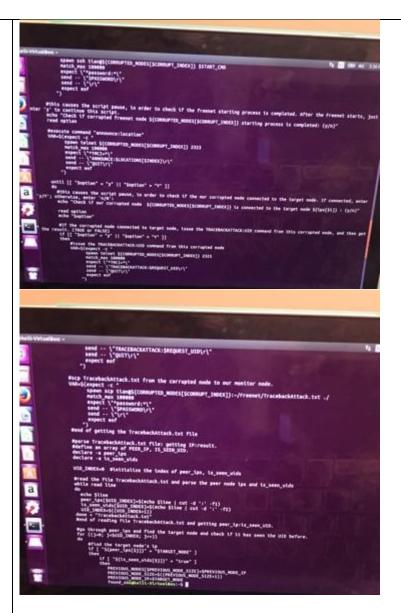


11/1/17: 2:30

Next, I had to find the file named "autotracebackattack.sh" and write down the following information:

- Command: 'istat evidence.dd 61
  - a. inode # = 61
  - b. permission = read and write
  - c. size (in bytes) = 11,324
  - d. last access time = 6/14/2012...13:39:54
  - e. last modified time = 4/27/14...00:00:00
  - f. last changed time = 6/14/2012...13:39:54
  - g. whether it is allocated or unallocated: unallocated
  - h. data blocks used by this file: 10,879 through 10,894
  - i. Content of this file.
- I used the command: 'icat evidence.dd 61'





11/1/17: 2:35

Next, I found the full path of a file that uses the sector 5000 on the disk image using 'ffind evidence.dd 598'

 /eclipse-java-kepler-SR1-win32x86 64/eclipse/configuration/org

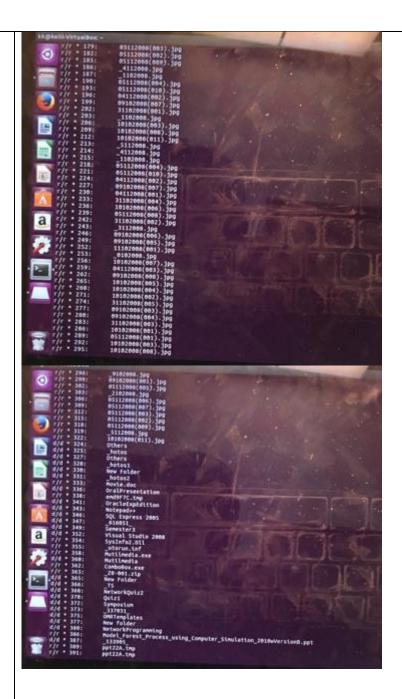
x86\_64/eclipse/configuration/org.eclipse.osgi/bundles/110/1/.cp/help/EGit/User\_Guide/image s/Egit-0.9-getstarted-shared-project.png

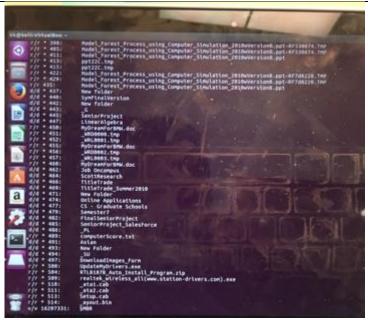
11/1/17: 2:37

Lastly I used command 'fls evidence.dd' to compare the files I found in task 1

Initials\_\_\_KK\_\_\_







11/1/17: 2:45

I then used 'tsk\_recover evidence.dd /home/kk/Desktop/HW\_3Drop -e' to find the recovered files for evidence.dd

11/1/17: 2:45

Then had to use 'tsk\_recover evidence.dd /home/kk/Desktop/HW\_3Drop -a' to find all the recovered files for evidence.dd



11/1/17: 3:00

Lastly, I needed to compare the result with the result in my first task and see if the deleted files were found in my first task.

• No, the deleted files were not found