

## **Lab: Examining an Image**



### Student Declaration

I declare that the attached assignment is my own work in accordance with Seneca Academic Policy. No part of this assignment has been copied manually or electronically from any other source (including web sites) or distributed to other students.

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<u>Questions</u>	<u>Answers</u>
<b>Question 3</b>	
a) What is the size in sectors of the volume?	Sector size 512
b) Is there a partition table?	Yes, If you go to Data unit and view the 0 <sup>th</sup> sector you notice the last values are 55aa which indicates a partition table.
c) On what type of media do you think the original was stored?	I think the media was stored on a USB because it has a file system of FAT16, and FAT 16 is generally used for small memory devices which is what USB's generally are.
d) What is the file system type?	FAT16
e) What is the volume label?	NO NAME
f) Where is the root directory (sector address, cluster address)?	Sector Address: 496 – 527 Cluster Address: 31-33
g) Where is FAT 0 located (sector address, cluster number)?	Sector address: 4 – 249 Cluster Address: 1 – 16
h) What is the cluster size (in sectors)?	512
i) What is the cluster range (in sectors and clusters)?	Sectors: 2 – 62878 Clusters: 1 – 3929.875
j) Use the cluster values to calculate the capacity of the volume. Does it match the size reported in the first question?	$8192/512 = 16$ $16 * 16 = 256$
k) Is there volume slack?	No
l) How many deleted directories/files are there?	24 deleted files
<b>Question 6</b>	
Give the full path name of the secret plan you found.	C:/Trash-1000/files/TOPSECRET/Secret Plan
<b>Question 7</b>	
Give the full path name of where the file was originally.	C:/Diretory/SubDirectory/SubSubDirectory/TOPSECRET/Secret Plan

<b>Question 8</b>	
List the disk volume sector(s) (physical sectors) it occupies.	Sector 784
<b>Question 9</b>	
When was it created, last accessed and last modified?	Created: Wed Sep 23 11:27:14 2009 Accessed: Wed Sep 23 00:00:00 2009 Written: Wed Sep 23 11:27:14 2009