**DIGITAL FORENSICS LAB**

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| Exercise 8 | |
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| Slot | L39+L40 |
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| Date | 5th September, 2021 |

**AIM**

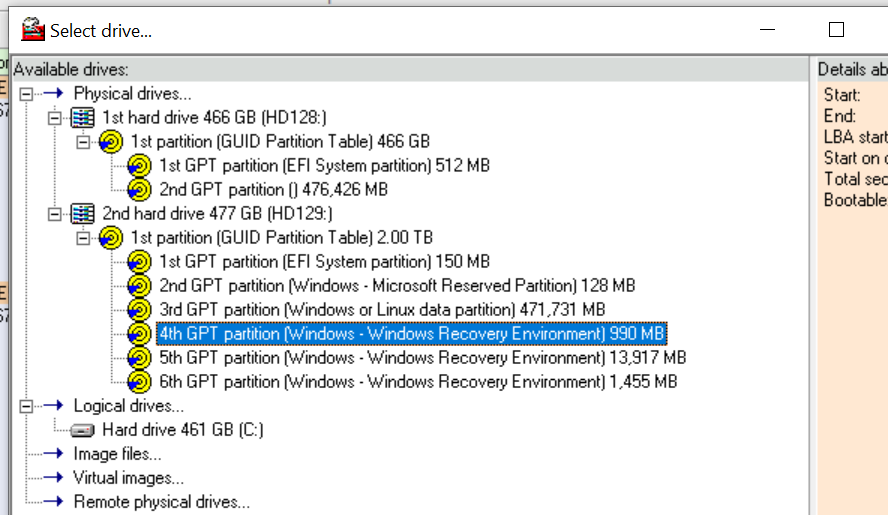
Working with DiskExplorer exploring disks and their file entries, partition table etc.

**Q1**

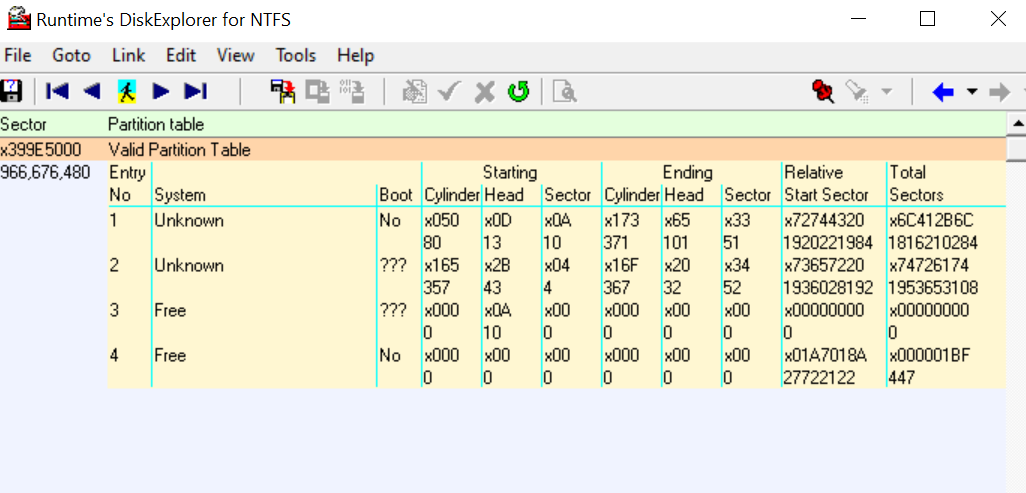
Navigate your NTFS drive by jumping to the partition table, boot record, Master file table or the root directory.

**A**

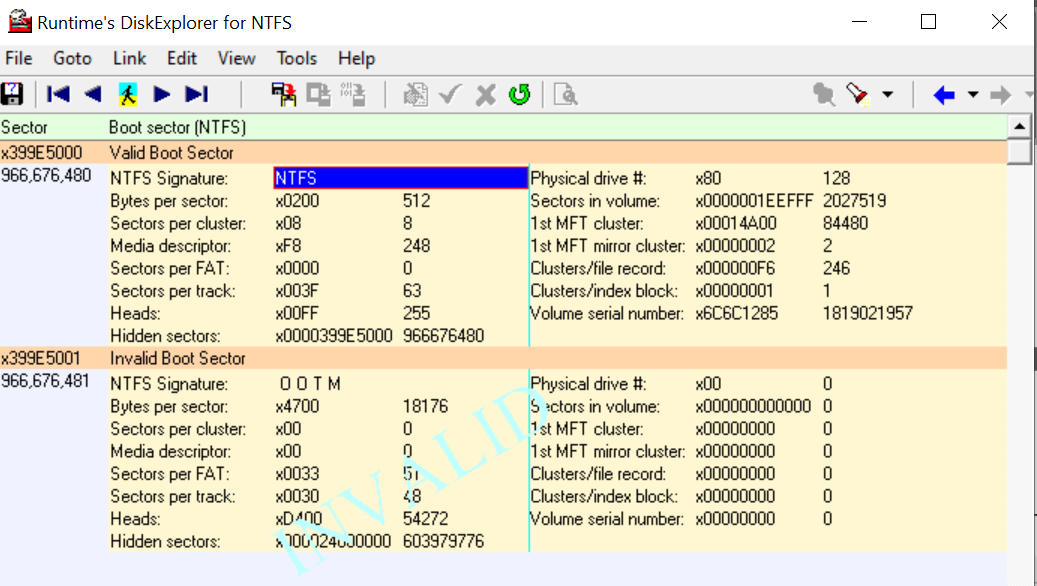
We select a drive first.



Partition table:



Boot Record:

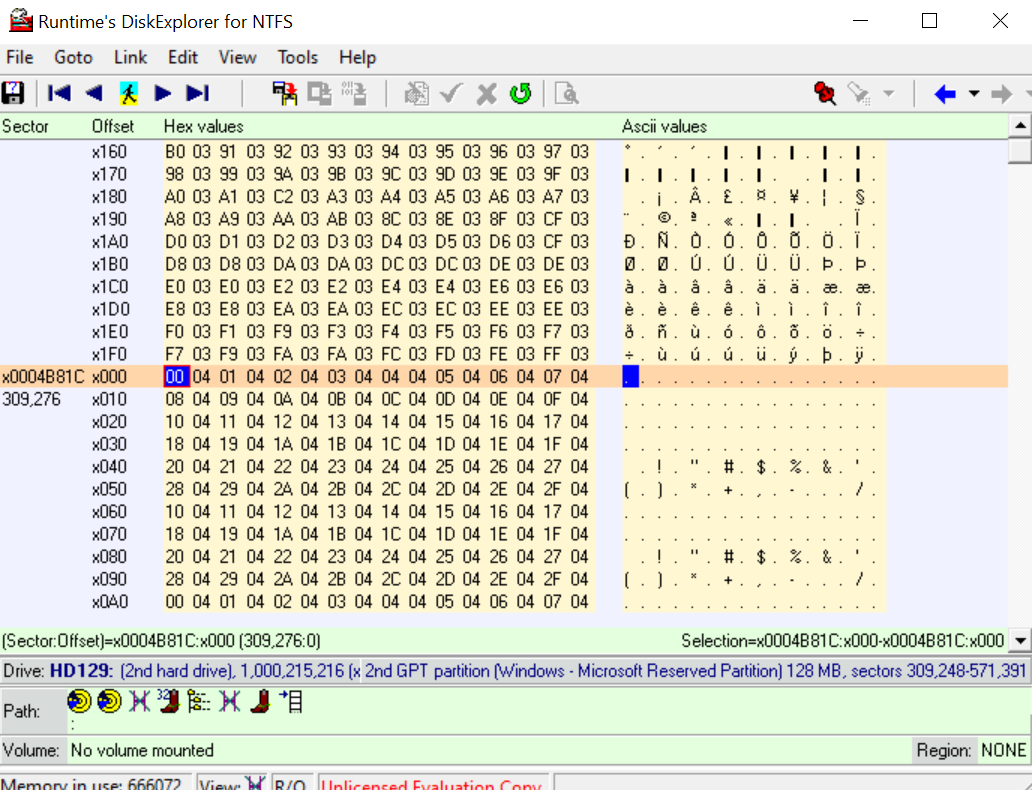


**Q2**

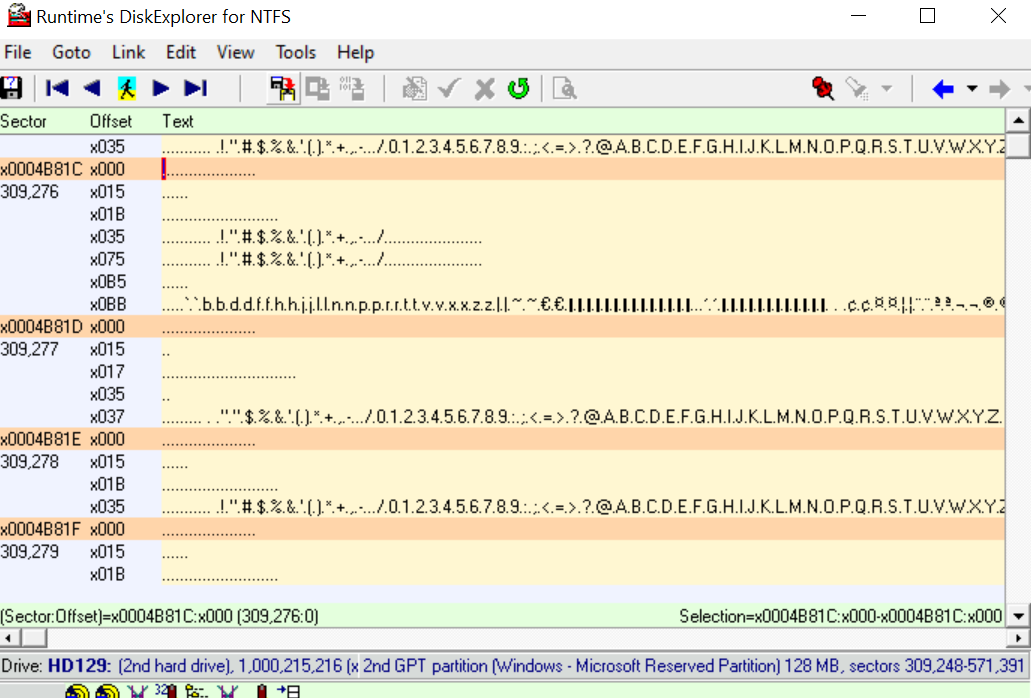
Choose between views such as hex, text, index allocation, MFT, boot record, partition table.

**A**

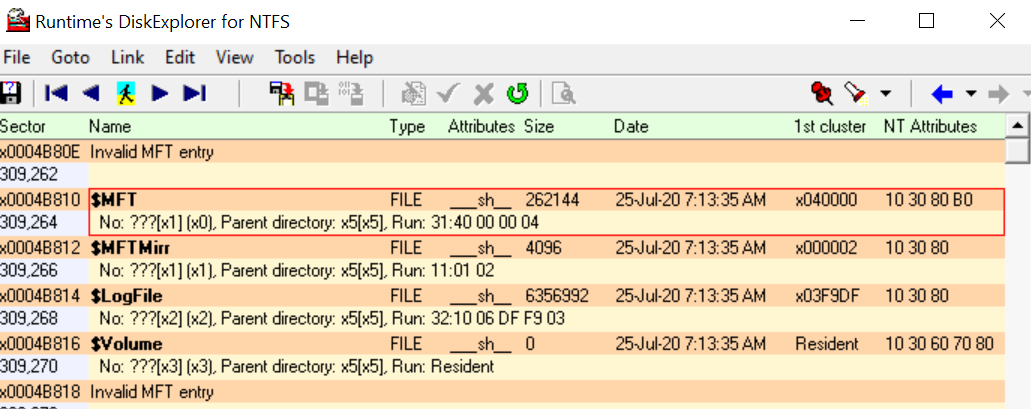
Hex View:



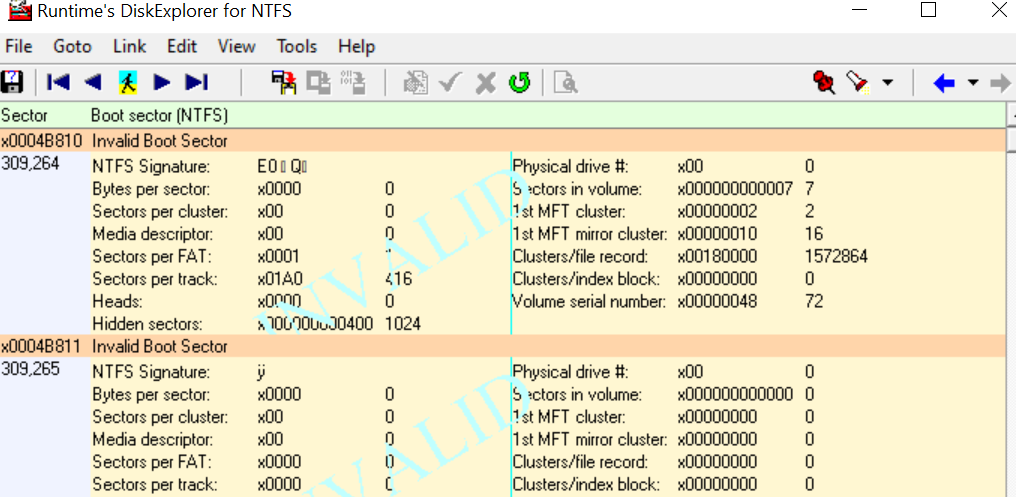
Text View:



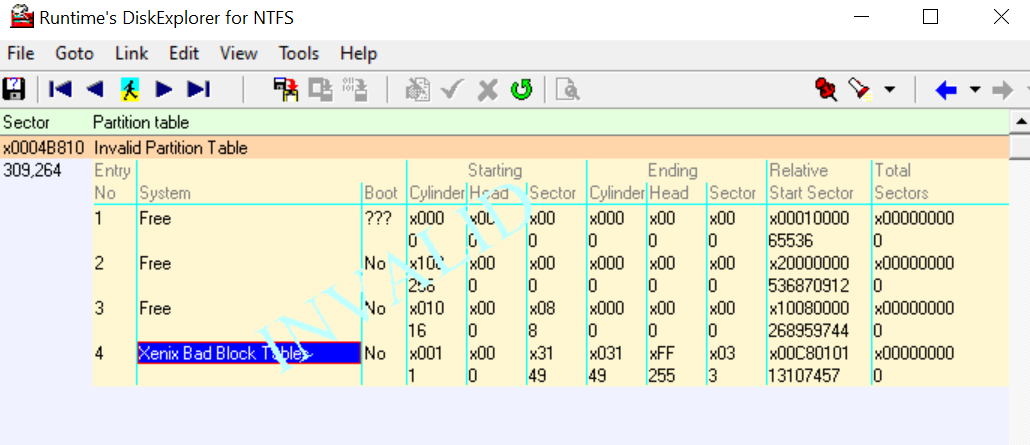
MFT:



Boot record:



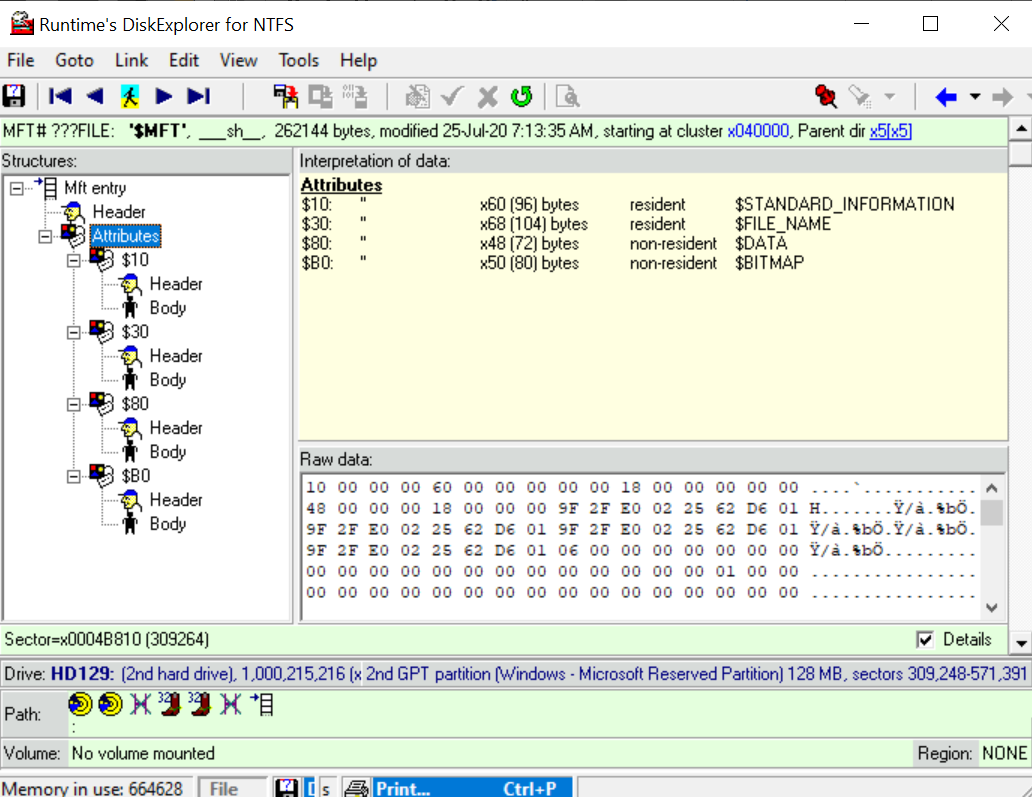
Partition table:



**Q3**

Inspect the file entry details, NT attributes etc.

**A**



**OBSERVATIONS**

DiskExplorer is a low-level disk editor which we use to view and manipulate information at a sector level. It is also used for data recovery from drives. As seen in screenshots above, se can see what each sector of a drive holds. This is used in Digital Forensics so as to get an idea of the suspect drive and its contents. We can see the partition table

**CONCLUSION**

We have worked with DiskExplorer and discovered its capability and functionalities. The tool is powerful enough to interact with the disk on a sector level and recover data.