MIT WORLD PEACE UNIVERSITY

Digital Forensics and Investigation
Third Year B. Tech, Semester 5

ANALYSING HOME ROUTER LOGS

LAB ASSIGNMENT 2

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Contents

1   Aim

To Learn about the different tools used in Digital Forensics and Investigation for Mobile Devices.

2   Objectives

1. Understand the need for Digital Forensics and Investigation for Mobile Devices.

2. Find out the tools available in the market for Forensics in Mobile Devices.

3. Experiment with some simple tools.

3   Theory

4   Platform

Operating System: Windows 11
IDEs or Text Editors Used: Visual Studio Code
Compilers or Interpreters: Python 3.10.1

5   Conclusion

Thus, we were able to learn about the different tools used in Digital Forensics and Investigation for Mobile Devices. We also performed a very basic extraction from ours and our Friend's mobile devices, and managed to get some very basic information from it.

References

[1] *Digital Evidence and Computer Crime: Forensic Science, Computers, and the Internet.*
   Academic Press.

[2] *File System Forensic Analysis.*
   Addison-Wesley.

[3] *Mobile Forensic Investigations: A Guide to Evidence Collection, Analysis, and Presentation.*
   Elsevier.

[4] Vskills - Digital Forensic Tools
   VSkills