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| **Course Name:** | **Information Security (ōjp116U01L602)** | **Semester:** | **VI** |
| **Date of Performance:** | **03/04/2025** | **DIV/ Batch No:** | **C - 3** |
| **Student Name:** | **Romil Lodaya** | **Roll No:** | **16010122096** |

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| **Title: Digital Forensic investigation using Encase forensic tool** |

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| **Objectives:** |
|  **Understand Digital Forensics**: Learn key concepts, including evidence preservation and chain of custody.   **Use EnCase Forensic Tool**: Get hands-on experience with EnCase for data acquisition, analysis, and reporting.   **Data Acquisition and Preservation**: Acquire and preserve digital evidence using EnCase, ensuring integrity.   **Analyze Digital Evidence**: Perform forensic analysis to extract relevant information from storage devices.   **Interpret Legal and Ethical Issues**: Understand privacy, consent, and legal considerations in digital forensics.   **Report Findings**: Document and present forensic findings in a clear, legally compliant manner.   **Role in Cybersecurity**: Recognize the importance of digital forensics in cybersecurity investigations. |

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| **Expected Outcome of Experiment:** |
| **CO5**: Interpret legal and ethical issues in security |

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| **Books/ Journals/ Websites referred:** |
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| **Pre Lab/ Prior Concepts:** |
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| **New Concepts to be learned:** |
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| **Abstract:** |
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| **Related Theory:** |
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| **Implementation Details:** |
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| **Results/Output:** |
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| **Conclusion:** |
| Students should write in their words |

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| **Post-Lab Questions:** |
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