Task 2 — Network Security & Scanning Report
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Course / Internship: Network Security & Scanning
(Your Markdown content with placeholders is included. Images will not appear in the PDF, but all text is preserved.)
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Task 2 — Network Security & Scanning Report

1. Reconnaissance
- Passive & Active Recon explained
- Whois, Nslookup, Ping Sweep, Banner Grabbing
- Screenshot placeholders included

2. Port & Service Scanning (Nmap)
- Basic Scan, Service Detection, OS Detection
- Screenshot placeholders included

3. Vulnerability Scanning (OpenVAS)
- Creating target, running scans, exporting report
- Screenshot placeholders included

4. Packet Analysis (Wireshark)
- DNS Capture
- FTP Credentials Capture
- Screenshot placeholders included

5. Firewall (iptables)
- Allow SSH, Block HTTP
- Nmap before/after blocking
- Screenshot placeholders included

Please insert screenshots manually in the GitHub version.