Task 3 : Perform a Basic Vulnerability Scan on Your PC.

- **Objective: Use free tools to identify common vulnerabilities on your computer.**
- **Tools: OpenVAS Community Edition (free vulnerability scanner) or Nessus Essentials.**
- **Deliverables: Vulnerability scan report with identified issues.**

Hints/Mini Guide:

1. Install OpenVAS or Nessus Essentials.
2. Set up scan target as your local machine IP or localhost.
3. Start a full vulnerability scan.
4. Wait for scan to complete (may take 30-60 mins).
5. Review the report for vulnerabilities and severity.
6. Research simple fixes or mitigations for found vulnerabilities.
7. Document the most critical vulnerabilities.
8. Take screenshots of the scan results.

Outcome: Introductory vulnerability assessment experience and understanding of common PC risks.

Interview Questions:

1. What is vulnerability scanning?
2. Difference between vulnerability scanning and penetration testing?
3. What are some common vulnerabilities in personal computers?
4. How do scanners detect vulnerabilities?
5. What is CVSS?
6. How often should vulnerability scans be performed?
7. What is a false positive in vulnerability scanning?
8. How do you prioritize vulnerabilities?

Key Concepts: **Vulnerability scanning, risk assessment, CVSS, remediation, security tools.**

📤 **Submit Here:**
After completing the task, paste your GitHub repo link and submit it using the link below:

- 👉 [Submission Link]

📌 **Task Submission Guidelines**

- ⏰ **Time Window:**

You can complete the task anytime between 10:00 AM to 10:00 PM on the given day. Submission link closes at 10 :00 PM

- 🔍 **Self-Research Allowed:**

You are free to explore, Google, or refer to tutorials to understand concepts and complete the task effectively.

- 🛠️ **Debug Yourself:**

Try to resolve all errors by yourself. This helps you learn problem-solving and ensures you don't face the same issues in future tasks.

- 💸 **No Paid Tools:**

If the task involves any paid software/tools, do not purchase anything. Just learn the process or find free alternatives.

- 📁 **GitHub Submission:**

Create a new GitHub repository for each task.
Add everything you used for the task — code, datasets, screenshots (if any), and a **short README.md** explaining what you did.

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