Task 2: Analyze a Phishing Email Sample.

- **Objective: Identify phishing characteristics in a suspicious email sample.**
- **Tools: Email client or saved email file (text), free online header analyzer.**
- **Deliverables: A report listing phishing indicators found**

Hints/Mini Guide:

1. Obtain a sample phishing email (many free samples online).
2. Examine sender's email address for spoofing.
3. Check email headers for discrepancies (using online header analyzer).
4. Identify suspicious links or attachments.
5. Look for urgent or threatening language in the email body.
6. Note any mismatched URLs (hover to see real link).
7. Verify presence of spelling or grammar errors.
8. Summarize phishing traits found in the email.

- **Outcome:** : Awareness of phishing tactics and email threat analysis skills.

Interview Questions:

1. What is phishing?
2. How to identify a phishing email?
3. What is email spoofing?
4. Why are phishing emails dangerous?
5. How can you verify the sender's authenticity?
6. What tools can analyze email headers?
7. What actions should be taken on suspected phishing emails?
8. How do attackers use social engineering in phishing?

Key Concepts: **Phishing, email spoofing, header analysis, social engineering, threat detection**

📤 **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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