◆ TASK 9: Exception Handling & Logging

Tools:

- Python
- logging module

Hints / Mini Guide:

1. Create error_handling.py.
2. Use try-except blocks.
3. Handle multiple exceptions.
4. Add else and finally.
5. Log errors using logging module.
6. Save logs to file.
7. Create custom error messages.
8. Simulate runtime errors.
9. Debug using logs.

Deliverables:

- Error handling script + log file

Final Outcome:

- Intern builds production-ready code.

Interview Questions Related To Above Task:

- Why exception handling?
- try vs except?
- What is logging?
- finally block usage?
- Custom exceptions?

📌 **Task Submission Guidelines**

- ⏰ **Time Window:**

 Youcan 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:**

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

- 🛠️ **Debug Yourself:**

 Tryto 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:**

 Ifthe 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.

📤 **Submit Here:**

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

- 👉 [Submission Link]

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