

Task 4: Java File I/O – Notes App

- **Objective:** Create a text-based notes manager with file read/write.
- **Tools :**Java, VS Code, Terminal.
- **Deliverables:** Working .java file using FileReader/FileWriter.

Hints/Mini Guide:

1. Use FileWriter to write notes to a file.
2. Use FileReader or BufferedReader to read.

Outcome: : Learn to persist data.

Interview Questions:

1. Difference between FileReader and BufferedReader?
2. What is try-with-resources?
3. How to handle IOException?
4. What are checked and unchecked exceptions?
5. How does file writing work in Java?
6. What is the difference between append and overwrite mode?
7. What is exception propagation?
8. How to log exceptions?
9. What is a stack trace?
10. When to use finally block?

Key Concepts: File I/O, exception handling.

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.

- 📁 **Submit Here:**

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- 👉 [\[Submission Link\]](#).

Best
of
Luck

