🗃 Project: Personal Notes App (CLI-based)

🎯 Objective:

- Learn how to read from and write to files.
- Understand how to append and view saved data.

📌 Features:

- Add a new note
- View all notes
- Delete all notes

👨‍💻 Code:

```python
def show_menu():
    print("\n===== Personal Notes App =====")
    print("1. Add a new note")
    print("2. View all notes")
    print("3. Delete all notes")
    print("4. Exit")

def add_note():
    note = input("Enter your note: ")
    with open("notes.txt", "a") as file:
        file.write(note + "\n")
    print("☑ Note added!")

def view_notes():
    try:
        with open("notes.txt", "r") as file:
            content = file.read()
            if content:
                print("\n--- Your Notes ---")
                print(content)
            else:
                print("📝 No notes yet.")
    except FileNotFoundError:
        print("🗂 No notes found. Start adding some!")

def delete_notes():
    confirm = input("Are you sure you want to delete all notes? (y/n): ").lower()
    if confirm == 'y':
        with open("notes.txt", "w") as file:
            file.write("")  # Overwrite with empty content
```

```python
            print("🗑 All notes deleted.")
        else:
            print("Cancelled.")

# Main loop
while True:
    show_menu()
    choice = input("Choose an option (1-4): ")

    if choice == "1":
        add_note()
    elif choice == "2":
        view_notes()
    elif choice == "3":
        delete_notes()
    elif choice == "4":
        print("👋 Goodbye!")
        break
    else:
        print("✖ Invalid choice. Please try again.")
```

🔧 Concepts Used:

- File modes: `"a"`, `"r"`, `"w"`
- Reading and writing text
- Basic error handling with `try-except`
- Loops and user input