

## Objective: Create a text-based notes manager with file read/write

```
import java.io.*;

import java.util.Scanner;

public class NotesManager {

    private static final String FILE_NAME = "notes.txt";

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        int choice;

        System.out.println("=== Text-Based Notes Manager ===");

        do {

            System.out.println("\nMenu:");

            System.out.println("1. Add a note");

            System.out.println("2. View all notes");

            System.out.println("3. Exit");

            System.out.print("Choose an option (1-3): ");

            choice = scanner.nextInt();

            scanner.nextLine(); // consume newline
```

```
switch (choice) {  
    case 1:  
        addNote(scanner);  
        break;  
    case 2:  
        viewNotes();  
        break;  
    case 3:  
        System.out.println("Exiting Notes Manager. Goodbye!");  
        break;  
    default:  
        System.out.println("Invalid option. Try again.");  
}  
} while (choice != 3);  
  
scanner.close();  
}
```

```
private static void addNote(Scanner scanner) {  
    System.out.print("Enter your note: ");  
    String note = scanner.nextLine();  
  
    try (FileWriter writer = new FileWriter(FILE_NAME, true)) {  
        writer.write(note + System.lineSeparator());  
        System.out.println("Note saved successfully.");  
    }
```

```
    } catch (IOException e) {  
        System.out.println("Error writing note: " + e.getMessage());  
    }  
}
```

```
private static void viewNotes() {  
    System.out.println("\n--- Your Notes ---");  
    try (BufferedReader reader = new BufferedReader(new FileReader(FILE_NAME))) {  
        String line;  
        int count = 1;  
        while ((line = reader.readLine()) != null) {  
            System.out.println(count++ + ". " + line);  
        }  
    } catch (FileNotFoundException e) {  
        System.out.println("No notes found. File doesn't exist yet.");  
    } catch (IOException e) {  
        System.out.println("Error reading notes: " + e.getMessage());  
    }  
}
```

# OUTPUT

=== Text-Based Notes Manager ===

Menu:

1. Add a note

2. View all notes

3. Exit

Choose an option (1-3): 1

Enter your note: WHERE ARE MY NOTEBOOK

Note saved successfully.

Menu:

1. Add a note

2. View all notes

3. Exit

Choose an option (1-3): 2

--- Your Notes ---

1. My notes are there

2. WHERE ARE MY NOTEBOOK

Menu:

1. Add a note

2. View all notes

### 3. Exit

Choose an option (1-3): 3

Exiting Notes Manager. Goodbye!