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        System.out.println("No tasks to remove.");
    }
    break;
case 3:
    if (!taskList.isEmpty()) {
        taskList.listTasks();
    } else {
        System.out.println("No tasks to list.");
    }
    break;
case 4:
    scanner.close();
    return;
default:
    System.out.println("Invalid option. Please try again.");
}
}
}

private static void displayMenu() {
    System.out.println("Task List Application");
    System.out.println("1. Add Task");
    System.out.println("2. Remove Task");
    System.out.println("3. List Tasks");
    System.out.println("4. Quit");
    System.out.print("Select an option: ");
}

private static int getUserChoice(Scanner scanner) {

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        return scanner.nextInt();
    }

    private static String getTaskName(Scanner scanner) {
        System.out.print("Enter task name: ");
        return scanner.next();
    }

    private static int getUserInput(Scanner scanner, String prompt) {
        System.out.print(prompt);
        return scanner.nextInt();
    }
}

class TaskList {
    private ArrayList<String> tasks = new ArrayList<>();

    public void addTask(String name) {
        tasks.add(name);
        System.out.println("Task added.");
    }

    public void removeTask(int taskNumber) {
        tasks.remove(taskNumber - 1);
        System.out.println("Task removed.");
    }

    public void listTasks() {
        for (int i = 0; i < tasks.size(); i++) {
            System.out.println((i + 1) + ". " + tasks.get(i));
        }
    }

    public boolean isEmpty() {

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    return tasks.isEmpty();
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}
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```
public boolean isValidTaskNumber(int taskNumber) {
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    return taskNumber >= 1 && taskNumber <= tasks.size();
```

```
}
```

```
}
```