

eclipse-workspace - tejal/src/tejal/kkk.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer Project Explorer X
src
  com.expense.tracker
    Expense.java
    ExpenseTracker.java
  com.expense.tracker.db
    DBConnection.java
  module-info.java
  Referenced Libraries
Servers
stringtype
task
tejal
  IRE System Library [JavaSE-21]
src
  tejal
    aids.java
    demo.java
    kkk.java
    task_3.java
    task.java
    task10.java
    task11.java
    task12.java
    Task14.java
    task15.java
    task16.java
    task2.java
    task4.java
    task5.java
    task6.java
    task7.java
    task8.java
    task9.java
  module-info.java
first.jsp menu.jsp contact.jsp admin.jsp task16.java Expense.java DBConnectio... ExpenseTrac... kkk.java
133
134  private static void loadTasks() {
135  try (ObjectInputStream ois = new ObjectInputStream(new FileInputStream(FILE_NAME
136      ArrayList<Task> list = (ArrayList<Task>) ois.readObject();
137      taskQueue.addAll(list);
138      System.out.println("Tasks loaded from file.");
139  } catch (Exception e) {
140      System.out.println("No previous tasks found.");
141  }
142 }
143
144  private static void startReminder() {
145  Timer timer = new Timer();
146  timer.schedule(new TimerTask() {
147      public void run() {
148          if (!taskQueue.isEmpty()) {
149              Task top = taskQueue.peek();
150              System.out.println("\nΔ Reminder: Highest Priority Task -> " + top.
151          }
152      }
153  }, 0, 30000); // Reminder every 30 seconds
154 }
155 }
```

Problems Javadoc Declaration Console X

kkk [Java Application] C:\Users\visha\p2\pool\plugins\org.eclipse.jst\openjdk.hotspot.jre.full.win32.x86_64_21.0.7.v20250502-0916\jre\bini\javaw.exe (22-Feb-2026, 11:57:44 am elapsed: 0:02:05) [pid: 17784]

Writable Smart Insert 104 : 35 : 2942

eclipse-workspace - tejal/src/tejal/kkk.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer Package Explorer Run Servers Stringtype task IRE System Library [JavaSE-21] src tejal kkk.java
108     System.out.println("\n--- Task List (By Priority) ---");
109     PriorityQueue<Task> temp = new PriorityQueue<>(taskQueue);
110     while (!temp.isEmpty()) {
111         System.out.println(temp.poll());
112     }
113
114
115
116● private static void deleteTask() {
117●     if (taskQueue.isEmpty()) {
118         System.out.println("No tasks to delete.");
119     } else {
120         Task removed = taskQueue.poll();
121         System.out.println("Removed Task: " + removed.getTitle());
122     }
123
124
125● private static void saveTasks() {
126●     try (ObjectOutputStream oos = new ObjectOutputStream(new FileOutputStream(FILE_N
127         oos.writeObject(new ArrayList<>(taskQueue));
128         System.out.println("Tasks saved to file.");
129     } catch (IOException e) {
130         System.out.println("Error saving tasks.");
```

Problems Javadoc Declaration Console

kkk [Java Application] C:\Users\visha\p2\pool\plugins\org.eclipse.jst.java.core\2.10.0.v20250502-0916\jre\bini\javaw.exe (22-Feb-2026, 11:57:44 am elapsed: 0:01:41) [pid: 17784]

Writable Smart Insert 104 : 35 : 2942

eclipse-workspace - tejal/src/tejal/kkk.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer Package Explorer first.jsp menu.jsp contact.jsp admin.jsp task16.java Expense.java DBConnection.java ExpenseTracker.java kkk.java
src
  com.expense.tracker
    Expense.java
    ExpenseTracker.java
  com.expense.tracker.db
    DBConnection.java
  module-info.java
  Referenced Libraries
  Servers
  stringtype
  task
  tejal
    IRE System Library [JavaSE-21]
  src
    tejal
      aids.java
      demo.java
      kkk.java
      task_3.java
      task.java
      task10.java
      task11.java
      task12.java
      Task14.java
      task15.java
      task16.java
      task2.java
      task4.java
      task5.java
      task6.java
      task7.java
      task8.java
      task9.java
    module-info.java
first.jsp menu.jsp contact.jsp admin.jsp task16.java Expense.java DBConnection.java ExpenseTracker.java kkk.java
85  }
86
87  private static void addTask(Scanner sc) {
88      System.out.print("Enter Task Title: ");
89      String title = sc.nextLine();
90
91      System.out.print("Enter Priority (1-High, 5-Low): ");
92      int priority = sc.nextInt();
93      sc.nextLine();
94
95      System.out.print("Enter Deadline (DD-MM-YYYY): ");
96      String deadline = sc.nextLine();
97
98      Task task = new Task(title, priority, deadline);
99      taskQueue.add(task);
100     System.out.println("Task Added Successfully!");
101 }
102
103  private static void viewTasks() {
104      if (taskQueue.isEmpty()) {
105          System.out.println("No tasks available.");
106          return;
107      }

```

eclipse-workspace - tejal/src/tejal/kkk.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer Package Explorer first.jsp menu.jsp contact.jsp admin.jsp task16.java Expense.java DBConnection.java ExpenseTrac... kkk.java
src
  com.expense.tracker
    Expense.java
    ExpenseTracker.java
  com.expense.tracker.db
    DBConnection.java
  module-info.java
Referenced Libraries
Servers
Stringtype
task
tejal
  IRE System Library [JavaSE-21]
src
  tejal
    aids.java
    demo.java
    kkk.java
    task_3.java
    task.java
    task10.java
    task11.java
    task12.java
    Task14.java
    task15.java
    task16.java
    task2.java
    task4.java
    task5.java
    task6.java
    task7.java
    task8.java
    task9.java
  module-info.java

```

68• case 2:
69 viewTasks();
70 break;
71• case 3:
72 deleteTask();
73 break;
74• case 4:
75 saveTasks();
76 break;
77• case 5:
78 saveTasks();
79 System.out.println("Exiting... Tasks saved.");
80 return;
81• default:
82 System.out.println("Invalid choice!");
83 }
84 }
85 }
86
87• private static void addTask(Scanner sc) {
88 System.out.print("Enter Task Title: ");
89 String title = sc.nextLine();
90

Problems Javadoc Declaration Console

kkk [Java Application] C:\Users\visha\p2\pool\plugins\org.eclipse.jst\openjdk.hotspot.jre.full.win32.x86_64_21.0.7.v20250502-0916\jre\bin\javaw.exe (22-Feb-2026, 11:57:44 am elapsed: 0:01:21) [pid: 17784]

Writable Smart Insert 43 : 2 : 916

eclipse-workspace - tejal/src/tejal/kkk.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer Package Explorer first.jsp menu.jsp contact.jsp admin.jsp task16.java Expense.java DBConnection.java ExpenseTracker.java kkk.java
src
  com.expense.tracker
    Expense.java
    ExpenseTracker.java
  com.expense.tracker.db
    DBConnection.java
  module-info.java
  Referenced Libraries
Servers
stringtype
task
tejal
  IRE System Library [JavaSE-21]
src
  tejal
    aids.java
    demo.java
    kkk.java
    task_3.java
    task.java
    task10.java
    task11.java
    task12.java
    Task14.java
    task15.java
    task16.java
    task2.java
    task4.java
    task5.java
    task6.java
    task7.java
    task8.java
    task9.java
  module-info.java
first.jsp menu.jsp contact.jsp admin.jsp task16.java Expense.java DBConnection.java ExpenseTracker.java kkk.java
Problems Javadoc Declaration Console
kkk [Java Application] C:\Users\visha\p2\pool\plugins\org.eclipse.jst.openjk.hotspot.jre.full.win32.x86_64_21.0.7.v20250502-0916\jre\bini\javaw.exe (22-Feb-2026, 11:57:44 am elapsed: 0:01:10) [pid: 17784]
Writable | Smart Insert | 43 : 2 : 916
```

eclipse-workspace - tejal/src/tejal/kkk.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer Package Explorer first.jsp menu.jsp contact.jsp admin.jsp task16.java Expense.java DBConnection.java ExpenseTracker.java kkk.java
src
  com.expense.tracker
    Expense.java
    ExpenseTracker.java
  com.expense.tracker.db
    DBConnection.java
  module-info.java
  Referenced Libraries
  Servers
  stringtype
  task
  tejal
  IRE System Library [JavaSE-21]
src
  tejal
    aids.java
    demo.java
    kkk.java
    task_3.java
    task.java
    task10.java
    task11.java
    task12.java
    Task14.java
    task15.java
    task16.java
    task2.java
    task4.java
    task5.java
    task6.java
    task7.java
    task8.java
    task9.java
  module-info.java
  
```

24 }
25
26 public String getDeadline() {
27 return deadline;
28 }
29
30 @Override
31 public int compareTo(Task other) {
32 return Integer.compare(other.priority, this.priority); // Higher priority first
33 }
34
35 @Override
36 public String toString() {
37 return "Title: " + title + " | Priority: " + priority + " | Deadline: " + deadline;
38 }
39 }
40
41 public class kkk
42 {
43 private static PriorityQueue<Task> taskQueue = new PriorityQueue<>();
44 private static final String FILE_NAME = "tasks.dat";
45 }

Problems Javadoc Declaration Console

kkk [Java Application] C:\Users\visha\p2\pool\plugins\org.eclipse.jst.java.core\full\win32\x86_64_21.0.7.v20250502-0916\jre\bin\javaw.exe (22-Feb-2026, 11:57:44 am elapsed: 0:00:55) [pid: 17784]

Writable Smart Insert 18 : 31 : 419

eclipse-workspace - tejal/src/tejal/kkk.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer Package Explorer first.jsp menu.jsp contact.jsp admin.jsp task16.java Expense.java DBConnection.java ExpenseTracker.java kkk.java
src
  com.expense.tracker
    Expense.java
    ExpenseTracker.java
  com.expense.tracker.db
    DBConnection.java
  module-info.java
Referenced Libraries
Servers
Stringtype
task
tejal
  JRE System Library [JavaSE-21]
src
  tejal
    aids.java
    demo.java
    kkk.java
    task_3.java
    task.java
    task10.java
    task11.java
    task12.java
    Task14.java
    task15.java
    task16.java
    task2.java
    task4.java
    task5.java
    task6.java
    task7.java
    task8.java
    task9.java
  module-info.java
kkk [Java Application] C:\Users\visha\p2\pool\plugins\org.eclipse.jst\openjdk.hotspot.jre.full.win32.x86_64_21.0.7.v20250502-0916\jre\bin\javaw.exe (22-Feb-2026, 11:57:44 am elapsed: 0:00:25) [pid: 17784]
```

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows the project structure under "src". It includes packages like "com.expense.tracker" and "com.expense.tracker.db", and a "tejal" package containing various Java files such as "aids.java", "demo.java", "kkk.java", "task.java", etc.
- Code Editor:** The main editor window displays the code for "kkk.java". The code defines a class "Task" that implements Comparable<Task> and Serializable. It has private attributes for title, priority, and deadline, and methods to set these values and get them back.
- Bottom Status Bar:** Shows the current application is "kkk [Java Application]" running on "C:\Users\visha\p2\pool\plugins\org.eclipse.jst\openjdk.hotspot.jre.full.win32.x86_64_21.0.7.v20250502-0916\jre\bin\javaw.exe" (22-Feb-2026, 11:57:44 am elapsed: 0:00:25) [pid: 17784].

eclipse-workspace - tejal/src/tejal/kkk.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer Project Explorer X Servers Stringtype task tejal IRE System Library [JavaSE-21] src tejal aids.java demo.java kkk.java task_3.java task.java task10.java task11.java task12.java Task14.java task15.java task16.java task2.java task4.java task5.java task6.java task7.java task8.java task9.java module-info.java

first.jsp menu.jsp task16.java Expense.java DBConnectio... ExpenseTrac... kkk.java Outline Task List tejal

Problems Javadoc Declaration Console

kkk [Java Application] C:\Users\visha\p2\pool\plugins\org.eclipse.jst.java.core\2.20.0.v20250502-0916\jre\bin\javaw.exe (22-Feb-2026, 11:49:08 am elapsed: 0:08:14) [pid: 13840]

```
===== SMART TASK SCHEDULER =====
1. Add Task
2. View Tasks
3. Delete Highest Priority Task
4. Save Tasks
5. Exit
Enter choice: 5
Tasks saved to file.
Exiting... Tasks saved.

△ Reminder: Highest Priority Task -> assignment submition
```

Snipping Tool

Screenshot copied to clipboard
Automatically saved to screenshots folder.

Mark-up and share

eclipse-workspace - tejal/src/tejal/kkk.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer Project Explorer X Servers Stringtype task tejal IRE System Library [JavaSE-21] src tejal aids.java demo.java kkk.java task_3.java task.java task10.java task11.java task12.java Task14.java task15.java task16.java task2.java task4.java task5.java task6.java task7.java task8.java task9.java module-info.java

first.jsp menu.jsp task16.java Expense.java DBConnectio... ExpenseTrac... kkk.java Outline Task List tejal

43 {

Problems Javadoc Declaration Console X

kkk [Java Application] C:\Users\visha\p2\pool\plugins\org.eclipse.jst\openjdk.hotspot.jre.full.win32.x86_64_21.0.7.v20250502-0916\jre\bin\javaw.exe (22-Feb-2026, 11:49:08 am elapsed: 0:07:54) [pid: 13840]

3. Delete Highest Priority Task
4. Save Tasks
5. Exit
Enter choice:

Δ Reminder: Highest Priority Task -> study java
2

--- Task List (By Priority) ---
Title: study java | Priority: 2 | Deadline: 28-2-2026
Title: assignment submition | Priority: 1 | Deadline: 25-2-2026

===== SMART TASK SCHEDULER =====
1. Add Task
2. View Tasks
3. Delete Highest Priority Task
4. Save Tasks
5. Exit
Enter choice: 3
Removed Task: study java

===== SMART TASK SCHEDULER =====
1. Add Task

eclipse-workspace - tejal/src/tejal/kkk.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer Project Explorer X Servers Stringtype task tejal IRE System Library [JavaSE-21] src tejal aids.java demo.java kkk.java task_3.java task.java task10.java task1.java task12.java Task14.java task15.java task16.java task2.java task4.java task5.java task6.java task7.java task8.java task9.java module-info.java

first.jsp menu.jsp task16.java Expense.java DBConnectio... ExpenseTrac... kkk.java Outline Task List

43 {

Problems Javadoc Declaration Console X

kkk [Java Application] C:\Users\visha\p2\pool\plugins\org.eclipse.jst.jdt.core\jre\full\win32\x86_64_21.0.7.v20250502-0916\jre\bin\javaw.exe (22-Feb-2026, 11:49:08 am elapsed: 0:07:37) [pid: 13840]

```
-- Task List (By Priority) --
Title: assignment submition | Priority: 1 | Deadline: 25-2-2026

===== SMART TASK SCHEDULER =====
1. Add Task
2. View Tasks
3. Delete Highest Priority Task
4. Save Tasks
5. Exit
Enter choice: 1
Enter Task Title: study java
Enter Priority (1-High, 5-Low):
Δ Reminder: Highest Priority Task -> assignment submition
2
Enter Deadline (DD-MM-YYYY): 28-2-2026
Task Added Successfully!

===== SMART TASK SCHEDULER =====
1. Add Task
2. View Tasks
3. Delete Highest Priority Task
4. Save Tasks
```

eclipse-workspace - tejal/src/tejal/kkk.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer Project Explorer X Servers Stringtype task tejal IRE System Library [JavaSE-21] src tejal aids.java demo.java kkk.java task_3.java task.java task10.java task11.java task12.java Task14.java task15.java task16.java task2.java task4.java task5.java task6.java task7.java task8.java task9.java module-info.java

first.jsp menu.jsp task16.java Expense.java DBConnectio... ExpenseTrac... kkk.java X 42 { Problems Javadoc Declaration Console X [Java Application] C:\Users\visha\p2\pool\plugins\org.eclipse.jst.jdt.core\jre\full\win32\x86_64_21.0.7.v20250502-0916\jre\bin\javaw.exe (22-Feb-2026, 11:49:08 am elapsed: 0:07:07) [pid: 13840]

No previous tasks found.

===== SMART TASK SCHEDULER =====

1. Add Task
2. View Tasks
3. Delete Highest Priority Task
4. Save Tasks
5. Exit

Enter choice: 1

Enter Task Title: assignment submition

Enter Priority (1-High, 5-Low): 1

Enter Deadline (DD-MM-YYYY): 25-2-2026

Task Added Successfully!

===== SMART TASK SCHEDULER =====

1. Add Task
2. View Tasks
3. Delete Highest Priority Task
4. Save Tasks
5. Exit

Enter choice: 2

Writable Smart Insert 42 : 1 : 913

eclipse-workspace - tejal/src/tejal/kkk.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer Project Explorer X Servers Stringtype task tejal IRE System Library [JavaSE-21] src tejal aids.java demo.java kkk.java task_3.java task.java task10.java task1.java task12.java Task14.java task15.java task16.java task2.java task4.java task5.java task6.java task7.java task8.java task9.java module-info.java

first.jsp menu.jsp task16.java Expense.java DBConnectio... ExpenseTrac... kkk.java X 42 Outline Task List

Problems Javadoc Declaration Console X

kkk [Java Application] C:\Users\visha\p2\pool\plugins\org.eclipse.jst.jdt.core\jre\full\win32\x86_64_21.0.7.v20250502-0916\jre\bin\javaw.exe (22-Feb-2026, 11:49:08 am elapsed: 0:03:16) [pid: 13840]

No previous tasks found.

===== SMART TASK SCHEDULER =====

1. Add Task
2. View Tasks
3. Delete Highest Priority Task
4. Save Tasks
5. Exit

Enter choice: 1

Enter Task Title: assignment submition

Enter Priority (1-High, 5-Low): 1

Enter Deadline (DD-MM-YYYY): 25-2-2026

Task Added Successfully!

===== SMART TASK SCHEDULER =====

1. Add Task
2. View Tasks
3. Delete Highest Priority Task
4. Save Tasks
5. Exit

Enter choice: 2

Writable Smart Insert 42 : 1 : 913