

eclipse-workspace - LSCG25/src/workshopseven/Doctor.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- LSCG25 (repository: main)
- IRE System Library (jdk-22)
- src
 - workshopseven
 - Appointment.java
 - Doctor.java
 - Main.java
 - package-info.java
 - Patient.java
 - Person.java
 - Treatment.java
 - module-info.java

Appointment.java Doctor.java X

```
1 package workshopseven;
2 public class Doctor extends Person {
3     private String doctorID;
4     String department;
5
6     public void seePatientDetails() {
7         System.out.println("Viewing patient details...");
8     }
9
10
11     public void prescribeTreatment() {
12         System.out.println("Prescribing treatment...");
13     }
14 }
15
```

History Synchronize Git Staging Git Reflog Properties

repository [main]

Writable Smart Insert 15:1:336

eclipse-workspace - LSCG25/src/workshopseven/Main.java - Eclipse IDE

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Appointment.java Doctor.java Main.java X

```
1 package workshopseven;
2 public class Main {
3     public static void main(String[] args) {
4         // Create patients
5         Patient patient1 = new Patient();
6         patient1.personID = "P001";
7         patient1.name = "sushan";
8         patient1.age = 20;
9         patient1.gender = "Male";
10        patient1.address = "balaju";
11        patient1.contactDetails = "16";
12        patient1.bookAppointment();
13
14        // Create doctors
15        Doctor doctor1 = new Doctor();
16        doctor1.personID = "D001";
17        doctor1.name = "Dr. Jane Smith";
18        doctor1.age = 45;
19        doctor1.gender = "Female";
20        doctor1.address = "45 Maple Drive";
21        doctor1.contactDetails = "987-654-3210";
22        doctor1.department = "Cardiology";
23
24        // Create an appointment
25        Appointment appointment1 = new Appointment();
26        appointment1.appointmentID = "A001";
27        appointment1.appointmentDate = "2025-01-10";
28        appointment1.appointmentTime = "10:00 AM";
29        appointment1.viewAppointmentDetails();
30    }
31}
```

History Synchronize Git Staging Git Reflog Properties

repository [main]

Writable Smart Insert 13:1:413

eclipse-workspace - LSCG25/src/workshopseven/Patient.java - Eclipse IDE

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 - Person.java
 - Treatment.java
 - module-info.java

Appointment.java Doctor.java Main.java Patient.java

```
1 package workshopseven;
2 public class Patient extends Person {
3     private String patientID;
4
5
6     public void bookAppointment() {
7         System.out.println("Booking an appointment for patient: " + name);
8     }
9 }
10
```

History Synchronize Git Staging Git Reflog Properties

repository [main]

eclipse-workspace - LSCG25/src/workshopseven/Person.java - Eclipse IDE

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 - Patient.java
 - Person.java
 - Treatment.java
 - module-info.java

Appointment.java Doctor.java Main.java Patient.java Person.java

```
1 package workshopseven;
2 public class Person {
3     protected String personID;
4     protected String name;
5     protected int age;
6     protected String gender;
7     protected String address;
8     protected String contactDetails;
9
10
11     public void viewPersonalDetails() {
12         System.out.println("ID: " + personID + ", Name: " + name + ", Age: " + age);
13     }
14 }
15
```

History Synchronize Git Staging Git Reflog Properties

repository [main]

The screenshot shows the Eclipse IDE interface with the 'Treatment.java' file open. The Package Explorer on the left shows the project structure: 'LSCG25 (repository main)' containing 'src' with 'workshopseven' and its sub-packages 'Appointment.java', 'Doctor.java', 'Main.java', 'package-info.java', 'Patient.java', 'Person.java', 'Treatment.java', and 'module-info.java'. The main editor displays the following Java code:

```
1 package workshopseven;
2 public class Treatment {
3     String treatmentID;
4     String type;
5     String description;
6
7     public void updateDescription(String newDescription) {
8         this.description = newDescription;
9         System.out.println("Updated treatment description.");
10    }
11
12    public void viewTreatmentDetails() {
13        System.out.println("Treatment ID: " + treatmentID + ", Type: " + type + ", Description: ");
14    }
15 }
16
```

The bottom status bar indicates 'repository [main]' and '6:1:118'.

The screenshot shows the Eclipse IDE interface with the 'Appointment.java' file open. The Package Explorer on the left shows the project structure: 'LSCG25 (repository main)' containing 'src' with 'workshopseven' and its sub-packages 'Appointment.java', 'Doctor.java', 'Main.java', 'package-info.java', 'Patient.java', 'Person.java', 'Treatment.java', and 'module-info.java'. The main editor displays the following Java code:

```
1 package workshopseven;
2 public class Appointment {
3     String appointmentID;
4     String appointmentDate;
5     String appointmentTime;
6
7
8     public void rescheduleAppointment() {
9         System.out.println("Rescheduling appointment...");
10    }
11
12    public void cancelAppointment() {
13        System.out.println("Cancelling appointment...");
14    }
15
16    public void viewAppointmentDetails() {
17        System.out.println("Appointment ID: " + appointmentID + ", Date: " + appointmentDate);
18    }
19 }
20
```

The bottom status bar indicates 'repository [main]' and '15:1:359'.

Output::

