



eclipse-workspace - asdfghjk/src/asdfghjk/OnlineReservationSystem.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

asfghjk  
JRE System Library [JavaSE-17]  
src  
asfghjk  
ATM.java  
LibraryManagementSystem.java  
NumberGuessingGame.java  
OnlineExamSystem.java  
OnlineReservationSystem.java  
module-info.java  
JRE System Library [JavaSE-17]  
src  
project  
JRE System Library [JavaSE-17]  
src  
My\_package

```
43 public List<Room> getAvailableRooms() {  
44     List<Room> availableRooms = new ArrayList<>();  
45     for (Room room : rooms) {  
46         if (!room.isReserved()) {  
47             availableRooms.add(room);  
48         }  
49     }  
50     return availableRooms;  
51 }  
52  
53 public void reserveRoom(int roomNumber) {  
54     Room room = findRoom(roomNumber);  
55     if (room != null && !room.isReserved()) {  
56         room.reserveRoom();  
57         System.out.println("Room " + roomNumber + " reserved successfully.");  
58     } else {  
59         System.out.println("Invalid room number or room already reserved.");  
60     }  
61 }  
62  
63 public void cancelReservation(int roomNumber) {  
64     Room room = findRoom(roomNumber);  
65     if (room != null && room.isReserved()) {  
66         room.cancelReservation();  
67         System.out.println("Reservation for Room " + roomNumber + " canceled successfully.");  
68     } else {  
69         System.out.println("Invalid room number or room not reserved.");  
70     }  
71 }  
72  
73 private Room findRoom(int roomNumber) {  
74     for (Room room : rooms) {  
75         if (room.getRoomNumber() == roomNumber) {  
76             return room;  
77         }  
78     }  
79     return null;  
80 }
```

Javadoc Declaration Console

OnlineReservationSystem [Java Application] C:\Users\aksha.p2\poo\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86\_64\_17.0.8.v20230831-1047\jre\bin\javaw.exe (08-Mar-2024)  
Enter the number of rooms in the hotel:

OnlineReservationSystem.java - asdfghjk/src

83°F  
Partly cloudy

Search

ENG  
IN





