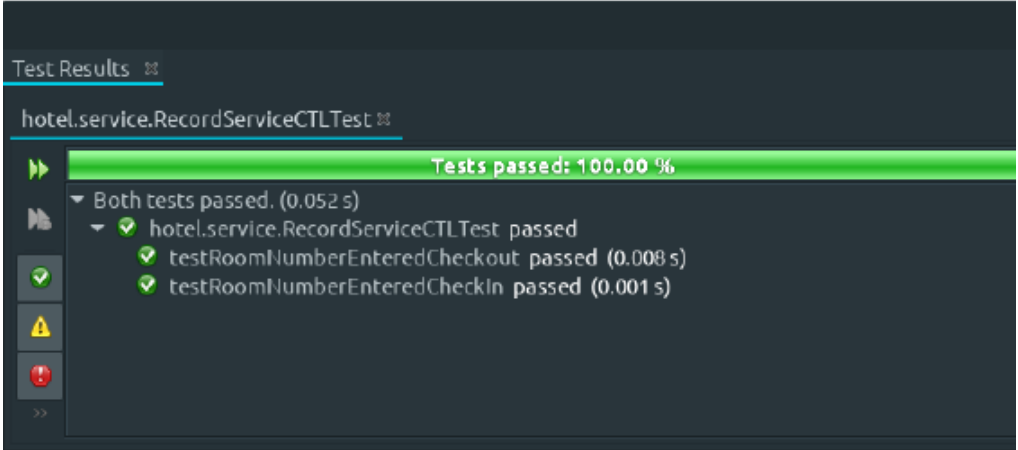


Resolution: Automated Test

It is possible to charge a room for service after the guest has checked out

Package : hotel.service	
Classname: RecordServiceCTL	Method: roomIdEntered
Description: this test is to verify the reported bugs is fixed	
Test Case: RecordServiceCTLTest	
S/No.	Implementation
1	<pre>/** * Test of roomIdEntered method, of class RecordServiceCTL. * @throws java.lang.Exception */ @Test public void testRoomNumberEntered() throws Exception { int roomNumber = 201; String expectedOutput = String.format("No active booking for room id: %d", roomNumber); Hotel hotel = HotelHelper.loadHotel(); hotel.checkout(roomNumber); RecordServiceCTL instance = new RecordServiceCTL(hotel); instance.roomNumberEntered(roomNumber); String actualOutput = outContent.toString(); assertTrue(actualOutput.contains(expectedOutput)); }</pre>
2	<pre>/** * Test of run method, of class RecordServiceCTL. * @throws java.lang.Exception */ @Test public void testRoomNumberEnteredCheckIn() throws Exception { int roomNumber = 201; double cost = 50.00; ServiceType serviceType = ServiceType.BAR_FRIDGE; String expected = String.format("Room %d charged \$%.2f for %s", roomNumber, cost, serviceType.getDescription()); Hotel hotel = HotelHelper.loadHotel(); RecordServiceCTL instance = new RecordServiceCTL(hotel); instance.roomNumberEntered(roomNumber); instance.serviceDetailsEntered(serviceType, cost); String actualOutput = outContent.toString(); assertTrue(actualOutput.contains(expected)); }</pre>
Screenshot	 <p>The screenshot displays the Test Results window for the test class <code>hotel.service.RecordServiceCTLTest</code>. A green progress bar at the top indicates that all tests passed with a 100.00% success rate. Below this, a summary shows that both tests passed within a total time of 0.052 seconds. The individual test results are listed as follows:</p> <ul style="list-style-type: none"><code>hotel.service.RecordServiceCTLTest</code> passed<code>testRoomNumberEnteredCheckout</code> passed (0.008 s)<code>testRoomNumberEnteredCheckIn</code> passed (0.001 s) <p>Each test entry is preceded by a green checkmark icon, signifying a successful outcome.</p>

