

## Simplification of Bugs

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

Package : hotel.service	
Classname: RecordServiceCTL	Method: roomIdEntered
Description: It is possible to charge a room for service after the guest has checked out, it is generated to verify reported bug.	
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", roomNumk     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 excpeted = 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(excpeted)); }</pre>

Screenshot

**Test Results**

hotel.checkout.CheckoutCTLTest ×

Tests passed: 0.00 %

No test passed, 2 tests caused an error. (0.109 s)

hotel.checkout.CheckoutCTLTest Failed

The screenshot shows a 'Test Results' window with a tab for 'hotel.checkout.CheckoutCTLTest'. A red banner at the top indicates 'Tests passed: 0.00 %'. Below this, a summary line states 'No test passed, 2 tests caused an error. (0.109 s)'. A list of test results follows, with 'hotel.checkout.CheckoutCTLTest' marked as 'Failed' in red text. To the left of the test results is a vertical toolbar containing icons for running tests (green play), stopping tests (red stop), showing details (plus), showing warnings (yellow triangle), showing errors (red exclamation mark), showing failures (red X), pausing (H), and navigation arrows (orange up/down), as well as icons for refreshing and adding new tests.