Automated Test

Package: hotel.checkout	
Classname: CheckoutCTL	Method: roomIdEntered
Description: This test verifies that reported bug is fixed	
Test Case: CheckoutCTLTest	
S/N	Implementation

1	
	``java
	/**
	 * Test of roomIdEntered method, of class CheckoutCTL.
	 */
	@Test
	public void testRoomIdEnteredDefaultService() throws Exception {
	    int roomNumber = 301;
	    double total = 7.00;
	    Hotel hotel = HotelHelper.loadHotel();
	
	    CheckoutCTL instance = new CheckoutCTL(hotel);
	    instance.roomIdEntered(roomNumber);
	    String actualOutput = outContent.toString();
	    String actualTotalString = actualOutput.substring(actualOutput.indexOf("Total")+ 8);
	    double actualTotal = Double.parseDouble(actualTotalString);
	    assertEquals(total, actualTotal, 0);
	}
	``

2	
	``java
	/**
	 * Test of roomIdEntered method, of class CheckoutCTL.
	 */
	@Test
	public void testRoomIdEnteredTwoActiveService() throws Exception {
	    int roomNumber = 301;
	    double costRoomService = 7.00;
	    double costBarFridge = 10.0;
	    double total = costRoomService + costBarFridge;
	    Hotel hotel = HotelHelper.loadHotel();
	    RecordServiceCTL recordService = new RecordServiceCTL(hotel);
	    recordService.roomNumberEntered(roomNumber);
	    recordService.serviceDetailsEntered(ServiceType.BAR_FRIDGE, costBarFridge);
	
	    CheckoutCTL instance = new CheckoutCTL(hotel);
	    instance.roomIdEntered(roomNumber);
	    String actualOutput = outContent.toString();
	    String actualTotalString = actualOutput.substring(actualOutput.indexOf("Total")+ 8);
	    double actualTotal = Double.parseDouble(actualTotalString);
	    assertEquals(total, actualTotal, 0);
	}
	``

3	
| | ```java
/**
 * Test of roomIdEntered method, of class CheckoutCTL.
 */
@Test
public void testRoomIdEnteredthreeActiveService() throws Exception {
    int roomNumber = 301;
    double costRoomService = 7.00;
    double costBarFridge = 10.0;
    double costRestaurant = 20.0;
    double total = costRoomService + costBarFridge + costRestaurant;
    Hotel hotel = HotelHelper.loadHotel();

    RecordServiceCTL recordService = new RecordServiceCTL(hotel);
    recordService.roomNumberEntered(roomNumber);
    recordService.serviceDetailsEntered(ServiceType.BAR_FRIDGE, costBarFridge );

    recordService = new RecordServiceCTL(hotel);
    recordService.roomNumberEntered(roomNumber);
    recordService.serviceDetailsEntered(ServiceType.RESTAURANT, costRestaurant );

    CheckoutCTL instance = new CheckoutCTL(hotel);
    instance.roomIdEntered(roomNumber);
    String actualOutput = outContent.toString();
    String actualTotalString = actualOutput.substring(actualOutput.indexOf("Total")+ 8);
    double actualTotal = Double.parseDouble(actualTotalString);
    assertEquals(total, actualTotal, 0);
}
``` |
| Running Test |

Test Results ⌗

hotel.checkout.CheckoutCTLTest ⌗

Tests passed: 100.00 %

▼ All 3 tests passed. (0.058 s)
  ▼ ✓ hotel.checkout.CheckoutCTLTest passed
    ✓ testRoomIdEnteredTwoActiveService passed (0.013 s)
    ✓ testRoomIdEnteredthreeActiveService passed (0.002 s)
    ✓ testRoomIdEnteredDefaultService passed (0.001 s) |