Junit test was conducted prior to identified bugs

Bug 1. The service charge and the room charge are not calculated. Instead it displays payable amount $00.00 that is not acceptable output.

```java
void testCheckout() {
    int creditCardNumber = 3;
    int ccv = 1;
    String guestname = "Shyam";
    String guestAddress = "136, Railway Parade";
    int guestPhone =421567085;
    int occupantNumber = 2;
    CreditCardType type = CreditCardType.MASTERCARD;
    RoomType roomType = RoomType.DOUBLE;
    Date arrivalDate = new Date(2018, 12, 23);
    int stayLength = 6;
    CreditCard creditCard = new CreditCard(type, creditCardNumber, ccv);
    Room room = new Room(2, roomType);
    Guest guest = new Guest(guestname, guestAddress, guestPhone);
    Hotel hotel = new Hotel();
    hotel.addRoom(roomType, 2);
    Booking booking = new Booking(guest, room, arrivalDate, stayLength, occupantNumber, creditCard);
    CheckoutCTL checkoutCTL = new CheckoutCTL(hotel);
    hotel.book(room, guest, arrivalDate, stayLength, occupantNumber, creditCard);
    long confirmationNumber = booking.getConfirmationNumber();
    hotel.checkin(confirmationNumber);
    RecordServiceCTL recordService = new RecordServiceCTL(hotel);
    recordService.roomNumberEntered(room.getId());
    recordService.serviceDetailsEntered(ServiceType.BAR_FRIDGE, 50);
    checkoutCTL.changeStateRoom();
    checkoutCTL.roomIdEntered(room.getId());
    checkoutCTL.chargesAccepted(true);
    checkoutCTL.creditDetailsEntered(CreditCardType.MASTERCARD, 3, 3);
```

```
Selection : d

Checking out

Enter room number: 101
Charges for room: 101, booking: 23112018101
Arrival date: 23-12-2018, Staylength: 1
Guest: Shyam, Address: 136 railway parade, Phone: 421567085
Charges:
    Restaurant  :     $0.00
Total: $0.00

Accept charges(Y/N) :
```

Bug 2. Even after check out the system ask for payment for room charge which is serious bug

```
int ccv = 1;
String guestname = "Shyam";
String guestAddress = "Melbourne";
int guestPhone = 45897568;
int occupantNumber = 2;
CreditCardType type = CreditCardType.MASTERCARD;
RoomType roomType = RoomType.DOUBLE;
Date arrivalDate = new Date(2018, 12,12);
int stayLength = 3;
CreditCard creditCard = new CreditCard(type, creditCardNumber, ccv);
Room room = new Room(2, roomType);
Guest guest = new Guest(guestname, guestAddress, guestPhone);
Hotel hotel = new Hotel();
hotel.addRoom(roomType, 2);
Booking booking = new Booking(guest, room, arrivalDate, stayLength, occupantNumber, creditCard);
CheckoutCTL checkoutCTL = new CheckoutCTL(hotel);
hotel.book(room, guest, arrivalDate, stayLength, occupantNumber, creditCard);
long confirmationNumber = booking.getConfirmationNumber();
hotel.checkin(confirmationNumber);
RecordServiceCTL recordService = new RecordServiceCTL(hotel);
recordService.roomNumberEntered(room.getId());
recordService.serviceDetailsEntered(ServiceType.BAR_FRIDGE, 40);
checkoutCTL.changeStateRoom();
checkoutCTL.roomIdEntered(room.getId());
checkoutCTL.chargesAccepted(true);
checkoutCTL.creditDetailsEntered(CreditCardType.MASTERCARD, 2, 2);
recordService.roomNumberEntered(room.getId());
recordService.serviceDetailsEntered(ServiceType.BAR_FRIDGE,40);
}
```

```
Selection : d

Checking out

Enter room number: 201
Charges for room: 201, booking: 2112018201
Arrival date: 02-12-2018, Staylength: 2
Guest: shyam, Address: 136 railway parade, Phone: 421567085
Charges:
    Restaurant  :     $0.00
Total: $0.00
```