**Unit Testing**

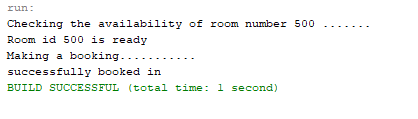
**Make a Booking**

Description- Evaluate the successfulness of booking

Pre Condition- Arrival dates and stay dates cannot be conflicted, IsAvailable() returns true

Post Condition – After made a booking change booking status to pending

Inputs – Room Number , Guest details



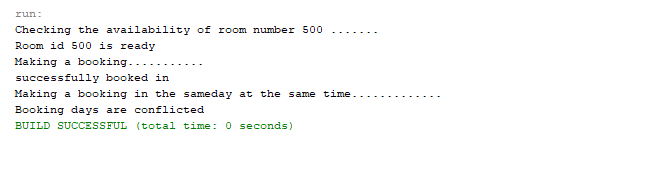
**Make a Booking a room at the same time**

Description- Evaluate a booking that’s conflicted the stay days with another booking

Pre Condition- , IsAvailable() returns false

Post Condition – Error message will be displayed

Inputs – Room Number , Guest details



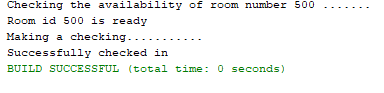
**Make a checkin**

Description- Evaluate the successfulness of Checkin

Pre Condition- Room state should be Ready

Post Condition – After made a checkin change room state to OCCUPIED

Inputs – Room Details , Bookin Details



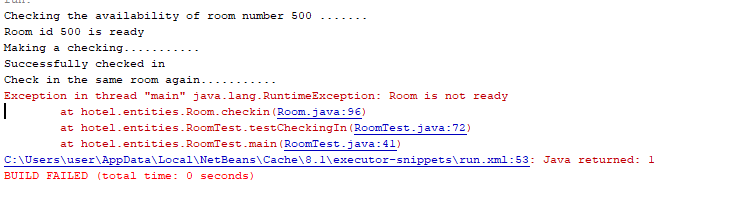
**Make a Checking with already Occupied Room**

Description- Since the room state is Occupied test will be failed. Runtime exception will be thrown

Pre Condition- Room state should be Occupied

Post Condition – Runtime Exception will be thrown

Inputs – Room Details , Bookin Details



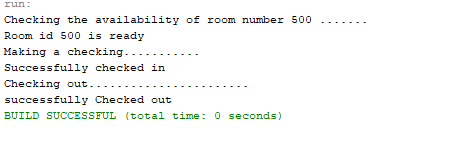
**Make a Checkout**

Description- Evaluate the successfulness of Checkout after check in

Pre Condition- Room state should be Occupied

Post Condition – After made a checkout change room state to Ready and remove the from booking from booking list

Inputs – Room Details , Bookin Details



**Checkout a non-occupied room**

Description- Evaluate to check out non occupied room.Test will be failed and run time exception will be thrown

Pre Condition- Room state should be Ready

Post Condition – Runtime exception will be thrown

Inputs – Room Details , Bookin Details

