

Class: HrsModel						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
hotelExists hotelList: hotel	1	The hotel name input exists in the hotel list.	hotel	true	true	P
	2	The hotel name input is unique and does not exist in the hotelList	hotel1	false	false	P
hotelChoice hotelList: hotel, hotel1, hotel2	1	User's hotel choice input matches a hotel name in the hotel list.	hotel1	1	1	P
	2	User's hotel choice input does not exist within the hotel list.	solaire	-1	-1	P
	3	The user makes a typo in his/her hotel choice input.	hotelL	-1	-1	P
createHotel hotelList: hotel1, hotel2	1	All inputs are valid, hotel name already exist	jotel1 10 10 10	false	false	P
	2	All inputs are valid, hotel name is unique	hotel3 10 10 10	true	true	P

	3	Hotel name is unique, but total room number to be created is greater than 50	hotel3 30 10 11	false	false	P
	4	Hotel name is unique, but total room number To be created is less than 1	hotel3 0 0 0	false	false	P
	5	Hotel name is unique, but there is a negative input	Hotel3 -1 -2 -3	false	false	P
isTotalRoomValid	1	The valid room count inputs of the user totals to 30	Standard Room: 10 Deluxe Room: 10 Executive Room: 10	true	true	P
	2	The valid room count inputs of the user exceeds the maximum total room count	Standard Room: 55 Deluxe Room: 0 Executive Room: 0	false	false	P
isDateValid	1	A negative input	-1	false	false	P
	2	A positive input and is within range	16	true	true	P
	3	A positive input, but is not within range	32	false	false	P

reservationInfo hotelList: hotel Reservation: Room 1 Josh 1 5	1	All inputs are valid	0 1 Josh 1 5	showReservationStatus() in Sstring form	showReservationStatus() in Sstring form	P
	2	Not all inputs are valid	0 2 Neal 1 5	"!!! NO RESERVATION FOUND !!!"	"!!! NO RESERVATION FOUND !!!"	
changeHotelName hotelList: hotel1, hotel2	1	The new hotel name input does not yet exist in the hotel list	Solaire	Update changes in String form hotelList: Solaire, hotel2	Update changes in String form hotelList: Solaire, hotel2	P
	2	The new hotel name input is not unique	hotel2	"!!! HOTEL NAME ALREADY EXISTS !!!"	"!!! HOTEL NAME ALREADY EXISTS !!!"	P
updateBasePrice	1	The new base price is greater than or equal to 100	1399.00	"!!! SUCCESSFULLY UPDATED BASE PRICE !!!"	"!!! SUCCESSFULLY UPDATED BASE PRICE !!!"	P
	2	The new base price is less than 100	99.00	"!!! NEW PRICE SHOULD ATLEAST BE 100 !!!"	"!!! NEW PRICE SHOULD ATLEAST BE 100"	P

removeRoom Standard Room: 10 Deluxe Room: 10 Executive Room: 10 Room 1 is booked	1	The room input is a valid integer and an existing room	2	Update changes in String form "!!! SUCCESSFULLY REMOVED A ROOM !!!"	Update changes in String form "!!! SUCCESSFULLY REMOVED A ROOM !!!"	P
	2	The room input is a valid integer but the room does not exist	35 or 0	"!!! ROOM IS NOT VALID !!!"	"!!! ROOM IS NOT VALID !!!"	P
	3	The room input is a negative	-1	"!!! ROOM IS NOT VALID !!!"	"!!! ROOM IS NOT VALID !!!"	P
	4	The room the user wants to remove is booked	1	"!!! ROOM IS NOT VALID !!!"	"!!! ROOM IS NOT VALID !!!"	P
	5	The user tries to remove the last remaining room	10	"!!! THERE MUST BE A ROOM THAT REMAINS !!!"	"!!! THERE MUST BE A ROOM THAT REMAINS !!!"	P
removeReservation hotelList: hotel1 Index: 0 Reservation Info: 12 Andrei 3 16	1	All inputs are valid except for room number	0 11 Andrei 3 16	"!!! ROOM OR DATE IS NOT VALID !!!"	"!!! ROOM OR DATE IS NOT VALID !!!"	P
	2	All inputs are valid except for check-in date	0 12 Andrei 4	"!!! ROOM OR DATE IS NOT VALID !!!"	"!!! ROOM OR DATE IS NOT VALID !!!"	P

			16			
	3	All inputs are valid except for check-out date	0 12 Andrei 3 17	"!!! ROOM OR DATE IS NOT VALID !!!"	"!!! ROOM OR DATE IS NOT VALID !!!"	P
	4	All inputs are valid, but there is no record found	11 Josh 3 16	"!!! RESERVATION DOES NOT EXIST !!!"	"!!! RESERVATION DOES NOT EXIST !!!"	P
	5	All inputs are valid and there is a record found	0 12 Andrei 3 16	"!!! SUCCESSFULLY REMOVED A RESERVATION !!!";	"!!! SUCCESSFULLY REMOVED A RESERVATION !!!";	P
modifyDatePrice	1	All inputs are valid	1 1.5	"!!! SUCCESSFULLY APPLIED THE DATE PRICE MODIFIER FOR DECEMBER 1" !!!"	"!!! SUCCESSFULLY APPLIED THE DATE PRICE MODIFIER FOR DECEMBER 1" !!!"	P
	2	The date input does not exist	32	"!!! DAY DOES NOT EXIST !!!";	"!!! DAY DOES NOT EXIST !!!";	P
	3	The new percent input is negative	-2.3	"!!! INVALID INPUT FOR DATE PRICE MODIFIER !!!"	"!!! INVALID INPUT FOR DATE PRICE MODIFIER !!!"	P

					!!!"	
doesRoomNumTypeMatch hotelList: hotel1 index: 0 room 1 - executive room2 - standard room3 - deluxe	1	The room number and it's type in the hotel selected match	0 1 executive	true	true	P
	2	The room number and it's type in the hotel selected does not match	0 1 standard	false	false	P
bookingSimulation hotelList: hotel1 Index: 0 Available Room/s: 1 - standard 2 - executive 3 - deluxe	1	All inputs are valid and without a discount code	0 Andrei standard 1 1 31	In String form roomReserve.showReservationStatus(guestName, checkIn, checkOut)	In String form roomReserve.showReservationStatus(guestName, checkIn, checkOut)	P
		All inputs are valid and with a discount code	0 Andrei standard 1 1 31 I_WORK_HERE	In String form roomReserve.showReservationStatus(guestName, checkIn, checkOut)	In String form roomReserve.showReservationStatus(guestName, checkIn, checkOut)	P
	2	All inputs are valid, but room number and room type doesn;t match	0 Andrei executive	"!!! ROOM TYPE AND ROOM NUMBER DOES NOT MATCH	"!!! ROOM TYPE AND ROOM NUMBER DOES	P

			1 1 31	!!!";	NOT MATCH !!!";	
	3	All inputs are valid, but room does not exist	0 Andrei standard 11 1 31	"!!! ROOM DOES NOT EXIST !!!"	"!!! ROOM DOES NOT EXIST !!!"	P
	4	All inputs are valid, except for check-in date	0 Andrei standard 1 31 7 I_WORK_HERE	"!!! CHECK IN OR CHECK OUT DATES ARE INVALID. !!!"	"!!! CHECK IN OR CHECK OUT DATES ARE INVALID. !!!"	P
	5	All inputs are valid, except for check-out date	0 Andrei standard 1 31 1 I_WORK_HERE	"!!! CHECK IN OR CHECK OUT DATES ARE INVALID. !!!"	"!!! CHECK IN OR CHECK OUT DATES ARE INVALID. !!!"	P

isRoomAvailable Room: 1 Check-in: 1 Check-out: 5	1	The room to check does not exist	51 1 5	false	false	P
	2	All passed values are valid	1 1 5	true	true	P
	3	The check-in/check-out dates are invalid	1 2 6	false	false	P
isRoomAvailable	1	The room to check does not exist	51	false	false	P
Total rooms: 10	2	The room exists	1	true	true	

Class: Room						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
isBooked	1	The room is not booked	n/a	true	true	P
	2	The room is booked	n/a	false	false	P
showReservationStatus Reservation Info: 10 (room) Andrei (guest) 3 (in) 16 (out)	1	There is a reservation found	Andrei 3 16	In String form reservation.showReser vationInfo();	In String form reservation.showReservatio nInfo();	P
	2	There is no reservation found	Josh 3 16	"!!! NO RESERVATION FOUND !!!"	"!!! NO RESERVATION FOUND !!!"	P
removeReservation Reservation Info: 10 (room) Andrei (guest) 3 (in) 16 (out)	1	All inputs are valid and record does exist	Andrei 3 16	true	true	P
	2	All inputs are valid except for check-out date	Andrei 3 15	false	false	P
	3	All inputs are valid except for check in date	Andrei 2 16	false	false	P
	4	All inputs are valid, but record does not exist	Josh 3	false	false	P

			16			
showRoomInfo hotelList: hotel1 Room: 1-50	1	A valid input	1	In String form roomInfo.toString();	In String form roomInfo.toString();	P
	2	Not a valid input	-1			P

Class: Reservation						
Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
isDateWithinReservation Check-in: 1 Check-out: 5	1	The input date is within the reservation dates	3	true	true	P
	2	The input date is outside the reservation dates	10	false	false	P
	3	The input date is invalid	-1/0	false	false	P
infoMatches Guest Name: josh Room Num: 1 Check-in: 1 Check-out: 5	1	The inputs match an existing reservation	josh 1 1 5	true	true	P
	2	The inputs do not match an existing reservation	Josh neal 1 1 5	false	false	P