			s: HRSController		
Method	#	Test Description	Sample input Data	Expected Output	Actual Output
createHotel	- 1	Create a hotel with a unique name and valid room count	hotelName: "Hotel A", numOfRooms: 10	Success message: "Hotel 'Hotel A' successfully created with 10 rooms."	Success message: "Hotel 'Hotel A' successfully created with 10 rooms."
	2	Attempt to create a hotel with a name that already exists	hotelName: "Hotel A", numOfRooms: 10	Error message: "Hotel name 'Hotel A' already exists."	Error message: "Hotel name 'Hotel A' already exists."
	3	Attempt to create a hotel with an invalid room count	hotelName: "Hotel B", numOfRooms: 0	Error message: "0" number of rooms is not allowed (must be from 1 to 50 only)."	Error message: "0" number of rooms is not allowed (must be from 1 to 50 only)."
etHotelGeneralInfo	- 1	Get info for an existing hotel	hotelName: "Hotel A"	HashMan with hotel details	HashMap with hotel details
cu oterocriciamio		Get info for a non-existing hotel	hotelName: "Hotel X"	Empty HashMap	Empty HashMap
	2	Get into for a hotel with no reservations	hotelName: "Hotel B"	HashMap with zero reservations	HashMap with zero reservations
neckIfHotelExists	3		noteiname: "Hotel B"	"Hotel A"	HashMap with zero reservations "Hotel A"
heckIfHotelExists	- 1	Check existence of an existing hotel	hotelName: "Hotel A"		
	2	Check existence of a non-existing hotel	hotelName: "Hotel X"	null	null
	3	Check with empty hotel list	hotelName: "Hotel Y"	null	null
heckIfRoomExists	1	Check existence of an existing room in a hotel	roomName: "Mystic", hotelName: "Hotel A"	"Mystic"	"Mystic"
	2	Check existence of a non-existing room in a hotel	roomName: "Room X", hotelName: "Hotel A"	null	null
	3	Check room in a non-existing hotel	roomName: "Mystic". hotelName: "Hotel X"	nul	null
herktfReservationExists	- 1	Check existence of an existing reservation	hotelName: "Hotel A" momName: "Mystic" reservationid: "1"	44.	-1-
	2	Check existence of a non-existing reservation	hotelName: "Hotel A", roomName: "Mystic", reservationid: "999"	nul	null
	2	Check reservation in a non-existing hotel	hotelName: "Hotel X", roomName: "Mystic", reservationid: "1"	null	noil
netAllRoomInfoOnHotel	3	Get room info for a hotel with no rooms	hotelName: "Hotel A"		nui .
etAlikoomintoUnHotel	1			Empty ArrayList	Empty ArrayList
	2	Get room info for a hotel with one room	hotelName: "Hotel B"	ArrayList with one room's HashMap info	ArrayList with one room's HashMap info
	3	Get room info for a hotel with multiple rooms	hotelName: "Hotel C"	ArrayList with multiple rooms' HashMap info	ArrayList with multiple rooms' HashMap info
etAllDatesOnRoom	1	Get dates for a room in a hotel with no dates	hotelName: "Hotel A", roomName: "Mystic"	Empty ArrayList	Empty ArrayList
	2	Get dates for a room with one available date	hotelName: "Hotel B", roomName: "Golden"	ArrayList with one date's HashMap info	ArrayList with one date's HashMap info
	3	Get dates for a room with multiple dates	hotelName: "Hotel C", roomName: "Radiant"	ArrayList with multiple dates' HashMap info	ArrayList with multiple dates' HashMap info
etAllReservationInfoOnRoom	- 1	Get reservations for a room with no reservations	hotelName: "Hotel A", roomName: "Mystic"	Empty ArrayList	Empty ArrayList
		Get reservations for a room with one reservation	hotelName: "Hotel B", roomName: "Golden"	ArrayList with one reservation's HashMap info	ArrayList with one reservation's HashMap info
	2				
	3	Get reservations for a room with multiple reservations	hotelName: "Hotel C", roomName: "Radiant"	ArrayList with multiple reservations' HashMap info	ArrayList with multiple reservations' HashMap info
etAllRoomsAvailableOnDate	1	Get available rooms on a date range with no rooms available	hotelName: "Hotel A", checkInDate: 1, checkOutDate: 2	Empty ArrayList	Empty ArrayList
	2	Get available rooms on a date range with one room available	hotelName: "Hotel B", checkInDate: 1, checkOutDate: 2	ArrayList with one room's HashMap info	ArrayList with one room's HashMap info
	3	Get available rooms on a date range with multiple rooms available	hotelName: "Hotel C", checkInDate: 1, checkOutDate: 2	ArrayList with multiple rooms' HashMap info	ArrayList with multiple rooms' HashMap info
etSpecificRoomInfo	1	Get specific room info for an existing room	hotelName: "Hotel A", roomName: "Mystic"	HashMap with room details	HashMap with room details
	2	Get specific room info for a non-existing room	hotelName: "Hotel A", roomName: "Room X"	Empty HashMap	Empty HashMap
	2	Get specific room into for a non-existing room Get room info for a room in a non-existing hotel	hotelName: "Hotel X", roomName: "Mystic"	Empty HashMap	Empty HashMap
netSpecificDateInfo	3	Valid hotel, room, and date number	"Hotel1", "Room1", 1	("Date Number": "1", "Is Available": "Available", "Base Price": "100.0", "Modified Price": "90.0")	{"Date Number":"1", "Is Available":"Available", "Base Price":"100.0", "Modified Price":"90.0"}
geropeciniculaternio	1	Valid hotel, room, and date number	"Hotel1", "Room1", 1 "InvalidHotel" "Room1", 1	Loale Number: 1, is Available: Available, idage Price::100.01, "Modified Price::90.01)	Loate remider: 1, is Available: Available, base Price":"100.0", "Modified Price":"90.0"}
	2			null	nuii
	3	Valid hotel and room, but invalid date number	"Hotel1", "Room1", 999	null	null
getSpecificReservationInfo	1	Valid hotel, room, and reservation ID	"Hotel1", "Room1", 1	("Id":"1", "Guest Name":"John Doe", "Check In Date":"1", "Check Out Date":"3", "Total Price":"300.0", "Disc	ount C ("Id":"1", "Guest Name":"John Doe", "Check In Date":"1", "Check Out Date":"3", "Total Price":"300.0", "Disco
	2	Invalid hotel name	"InvalidHotel", "Room1", 1	null	null
	3	Valid hotel and room, but invalid reservation ID	"Hotel1", "Room1", 999	null	null
netRoomBookedDatesList	- 1	Valid hotel and room	Hotel1". "Room1"	["1", "2", "3"]	["1", "2", "3"]
gentoonicooncubulcucus		Invalid hotel name	"InvalidHotel", "Room1"	null	null
		Valid hotel, but room with no bookings	"Hotel1", "EmptyRoom	nui	nui
	3				0
getRoomAvailableDatesList	1	Valid hotel and room	"Hotel1", "Room1"	["4", "5", "6"]	["4", "5", "6"]
	2	Invalid hotel name	"InvalidHotel", "Room1"	null	null
	3	Valid hotel, but room with no availability	"Hotel1", "FullRoom"	0	0
etPriceBreakdownOnReservationList	- 1	Valid hotel, room, and reservation ID	"Hotel1", "Room1", "1"	["Day 1-2: 100.0", "Day 2-3: 100.0"]	["Day 1-2: 100.0", "Day 2-3: 100.0"]
	2	Invalid hotel name	"InvalidHotel", "Room1", "1"	null	null
		Valid hotel and room, but invalid reservation ID	"Hotel1", "Room1", "999"	null	
changeHotelName				TRUE	TRUE
changeHotelName	- 1	Valid hotel name change	"OldHotelName", "NewHotelName"		
	2	Change to an existing hotel name	"OldHotelName", "ExistingHotelName"	FALSE	FALSE
	3	Invalid hotel name	"InvalidHotel", "NewHotelName"	FALSE	FALSE
addRoom	1	Valid hotel and room type	"Hotel1", "Deluxe"	Success message	Success message
	2	Hotel name doesn't exist or invalid	"InvalidHotel", "Deluxe"	Error message	Error message
	2	Invalid room type	"Hotel1", "InvalidType"	Error message	Error message
omous Boom	- 1	Valid hotel, room with no reservations	"Hotel1", "Room1"	Success message	Success message
emovercom		valid notel, room with no reservations	"Hotel1", "RoomWithReservations"	Success message	Success message
	2	Valid hotel, room with reservations		Error message	Error message
	3	Invalid hotel name	"InvalidHotel", "Room1"	Error message	Error message
pdateBasePrice	1	Valid hotel, no reservations, valid base price	"Hotel1", 150.0	Success message	Success message
	2	Valid hotel, no reservations, invalid base price	"HoteI1", 50.0	Error message	Error message
	3	Valid hotel, with reservations	"HotelWithReservations", 150.0	Error message	Error message
emoveReservation	- 1	Valid hotel, room, and reservation ID	"Hotel1", "Room1", 1	TRUE	TRUE
	2	Valid hotel, room, but invalid reservation ID	"Hotel1" "Room1" 999	FALSE	FALSE
	- 2	valid notel, room, but invalid reservation ID Invalid hotel name	"InvalidHotel" "Room1" 1	FALSE FALSE	FALSE FALSE
	3				
removeHotel	1	Valid hotel with no reservations	"Hotel1"	TRUE	TRUE
	2	Valid hotel with reservations	"HotelWithReservations"	FALSE	FALSE
	3	Invalid hotel name	"InvalidHotel"	FALSE	FALSE
datePriceModifier	1	Valid hotel, room, and date, valid modifier	"Hotel1", "Room1", 1, 20	TRUE	TRUE
	2	Valid hotel, room, but invalid date	"Hotel1", "Room1", 999, 20	FALSE	FALSE
	3	Invalid hotel name	"InvalidHotel", "Room1", 1, 20	FALSE	FALSE
areDatesValid	1	Valid date range	1, 3	TRUE	TRUE
arebatesvaliu		Invalid date range (start date after end date)	3, 1	FALSE	FALSE
	- 2	Invalid date range (start date after end date) Invalid date (negative start date)	-1.3	FALSE	FALSE
	3				
ARoomAvailable	1	Valid Date Range, Available Room	hotelName="Grand Hotel", roomType="Standard", checkInDate=1, checkOutDate=2	TRUE	TRUE
	2	Invalid Date Range (Check-in after Check-out)	hotelName="Grand Hotel", roomType="Deluxe", checkInDate=5, checkOutDate=3	FALSE	FALSE
	3	No Room Available	hotelName="Grand Hotel", roomType="Executive", checkInDate=1, checkOutDate=5	FALSE	FALSE
ookRoom	1	Valid Booking, No Discount	hotelName="Grand Hotel", guestName="John Doe", roomType="Standard", checkInDate	e=2, chet TRUE, Success Message with Room Name and Dates	TRUE, Success Message with Room Name and Dates
boom toom	2	Valid Booking with Valid Discount Code ("STAY4_GET1")	hotelName="Grand Hotel", guestName="John Doe", roomType="Deluxe", checkInDate=		TRUE: Success Message with Room Name, Dates, and Discount Applied
	2	Booking with Invalid Discount Code	hotelName="Grand Hotel", guestName="John Doe", roomType="Single", checkInDate=1	IS about EALCE Error Manages with Invalid Discount Code	FALSE: Error Message with Invalid Discount Code
	3		notervarie - Grand noter , guestivarie - John Doe , room type - Single -, checkinDate - 1	16, check FALSE: Error Message with Invalid Discount Code TRUF	TRUE
isDiscountCodeValid	1	Valid Discount Code ("I_WORK_HERE")	discountCode="I_WORK_HERE"		
DiscountCodeValid	2	Invalid Discount Code	discountCode="NOT_VALID"	FALSE	FALSE
DiscountCodeValid		Empty Discount Code	discountCode=**	FALSE	FALSE
	3		Check In: 5, Check Out: 11, Discount Code: "STAY4_GET1"	TRUE	TRUE
	3	Valid Discount Code ("STAY4_GET1") with Stay Longer than 5 Days		TRUE	TRUE
	3 1 2	Valid Discount Code ("STAY4_GET1") with Stay Longer than 5 Days Valid Discount Code ("PAYDAY") with Reservation Covering Day 15	Check In: 14, Check Out: 17, Discount Code: "PAYDAY"		
	3 1 2	Valid Discount Code ("PAYDAY") with Reservation Covering Day 15	Check In: 14, Check Out: 17, Discount Code: "PAYDAY"		FALSE
DiscountApplied	3 1 2 3	Valid Discount Code ("PAYDAY") with Reservation Covering Day 15 Invalid Discount Code ("STAY4_GET1") with Stay Less than 5 Days	Check In: 14, Check Out: 17, Discount Code: "PAYDAY" Check In: 25, Check Out: 27, Discount Code: "STAY4_GET1"	FALSE	FALSE HashMan containing Resourction Details
DiscountApplied	3 1 2 3 1	Valld Discount Code ("PAYDAY") with Reservation Covering Day 15 Invalid Discount Code ("STAY4_GET1") with Stay Less than 5 Days Valld Reservation with No Discount	Check In: 14, Check Out: 17, Discount Code: "PAYDAY" Check In: 25, Check Out: 27, Discount Code: "STAY4_GET1" hotelName="Grand Hotel", room"type="Standard", guestName="John Doe", checkInDate	FALSE e=1, chec HashMap containing Reservation Details	HashMap containing Reservation Details
DiscountApplied	3 1 2 3 1	Valid Discount Code ("PAYDA"") with Reservation Covering Day 15 Invalid Discount Code ("STAY4_CET1") with Stay Less than 5 Days Valid Reservation with No Discount Valid Reservation with Valid Discount Code ("I WORK HERE")	Check In: 14, Check Out: 17, Discount Code: "PAYDAY" Check In: 25, Check Out: 27, Discount Code: "STAY4_GET1" hotelName="Grand Hotel", roomType="Standard", guestName="John Doe", checkInDate hotelName="Grand Hotel", roomType="Standard", guestName="John Doe", checkInDate	FALSE ==1, chet HashMap containing Reservation Details ==7, chet HashMap containing Reservation Details with Discount Code applied	
DiscountApplied eateTemporanyReservation	3 1 2 3 1 2 3	Valid Discount Code ("PATVA") with Reservation Covering Day 15 Invalid Discount Code ("STAY4_GET1") with Stay Less than 55 Days Valid Reservation with No Discount Valid Reservation with Valid Discount Code ("I_WORK_HERE") Reservation for Non-Existent Hotel	Check in: 14, Check Out; 17, Discount Code: "PAYDAY" Check in: 25, Check Out; 27, Discount Code: "STAY4_GET1" hotelName="Grand Hotel", noom*type="Standard", guestName="John Doe", checkinDat hotelName="Grand Hotel", noom*type="Standard", guestName="John Doe", checkinDat hotelName="Won-Hotel", noom*type="Standard", guestName="John Doe", checkinData	FALSE ==1, check tashMap containing Reservation Details =1, check tashMap containing Reservation Details with Discount Code applied 1, checkf null	HashMap containing Reservation Details HashMap containing Reservation Details with Discount Code applied null
DiscountApplied reateTemporaryReservation	3 1 2 3 1 2 3 1 2	Valid Discount Code ("PKYDA") with Reservation Covering Day 15 invalid Discount Code ("STAY4_GET1") with Stay Less than 5 Days Valid Reservation with No Discount Valid Reservation with Valid Discount Code ("LWORK_HERE") Reservation for Non-Existent Hotel Hotel Gund	Check In: 14, Check Out: 17, Discount Code: "PAYDAY" Check In: 25, Check Out: 27, Discount Code: "PAYDAY" Check In: 25, Check Out: 27, Discount Code: "STAY", GET1" hotalNames"Craner Inteller, room/Types "Standard", guestNames-"John Doe", checkinDate hotalNames"Non-Hotel", room/Types-"Standard", guestNames-"John Doe", checkinDate hotalNames-"Non-Hotel", room/Types-"Standard", guestNames-"John Doe", checkinDate hotalNames-"Yoon-Hotel", room/Types-"Standard", guestNames-"John Doe", checkinDate hotalNames-"John Doe", checkinDate hotalN	F.A.SE ==1, chei HashMag containing Reservation Details ==7, chei HashMag containing Reservation Details with Discount Code applied 1, check null Hotel object	HashMap containing Reservation Details
DiscountApplied eateTemporaryReservation	3 1 2 3 1 2 3 1 2	Valid Discount Code ("PATVA") with Reservation Covering Day 15 Invalid Discount Code ("STAY4_GET1") with Stay Less than 55 Days Valid Reservation with No Discount Valid Reservation with Valid Discount Code ("I_WORK_HERE") Reservation for Non-Existent Hotel	Check in: 14, Check Out; 17, Discount Code: "PAYDAY" Check in: 25, Check Out; 27, Discount Code: "STAY4_GET1" hotelName="Grand Hotel", noom*type="Standard", guestName="John Doe", checkinDat hotelName="Grand Hotel", noom*type="Standard", guestName="John Doe", checkinDat hotelName="Won-Hotel", noom*type="Standard", guestName="John Doe", checkinData	FALSE ==1, check tashMap containing Reservation Details =1, check tashMap containing Reservation Details with Discount Code applied 1, checkf null	HashMap containing Reservation Details HashMap containing Reservation Details with Discount Code applied null
DiscountApplied eateTemporanyReservation	3 1 2 3 1 2 3 1 2 3 1 2	Valid Discount Code ("PKYDA") with Reservation Covering Day 15 invalid Discount Code ("STAY4_GET1") with Stay Less than 5 Days Valid Reservation with No Discount Valid Reservation with Valid Discount Code ("LWORK_HERE") Reservation for Non-Existent Hotel Hotel Gund	Check In: 14, Check Out: 17, Discount Code: "PAYDAY" Check In: 25, Check Out: 27, Discount Code: "PAYDAY" Check In: 25, Check Out: 27, Discount Code: "STAY", GET1" hotalNames"Craner Inteller, room/Types "Standard", guestNames-"John Doe", checkinDate hotalNames"Non-Hotel", room/Types-"Standard", guestNames-"John Doe", checkinDate hotalNames-"Non-Hotel", room/Types-"Standard", guestNames-"John Doe", checkinDate hotalNames-"Yoon-Hotel", room/Types-"Standard", guestNames-"John Doe", checkinDate hotalNames-"John Doe", checkinDate hotalN	P.A.SE ==1. A.L.SE ==7. chei HashMap containing Reservation Details ==7. chei HashMap containing Reservation Details with Discount Code applied 1. check null Hotel object null null	HashMap containing Reservation Details HashMap containing Reservation Details with Discount Code applied null Hotel object null null
DiscountApplied eateTemporaryReservation ad+lote(ByName	3 1 2 3 1 2 3 1 2 3 1 2 3	Valid Discount Code (PAYDAT) with Reservation Covering Day 15 invalid Discount Code (§12AV, GET1) with Stay Less than 5 Days Valid Reservation with No Discount Valid Reservation with Valid Discount Code (**_WORK_HERE*) Reservation for Non-Evillent Hotel Hotel Found	Check In: 14, Check Out. 17, Discount Code: "PAYDAY" Check In: 25, Check Out. 27, Discount Code: "STAYA, GET1" hotelName="Cared Hotel", noom1yee="Standard", guestName="John Dee", checkinDathotelName="Grand Hotel", noom1yee="Standard", guestName="John Dee", checkinDathotelName="Non-Hotel", noom1yee="Standard", guestName="John Dee", checkinDatentotelName="Cared Hotel", page-Standard", guestName="John Dee", checkinDatentotelName="Cared Hotel", page-Standard", guestName="John Dee", checkinDatentotelName="Cared Hotel" hotelName="Youngstatent Hotel"	FALSE **I. chet HashMap containing Reservation Details **T. chet HashMap containing Reservation Details with Discount Code applied 1, chedxinul Hotel object nul	HashMap containing Reservation Details HashMap containing Reservation Details with Discount Code applied null
DiscountApplied reateTemporaryReservation ndHotelByName	3 1 2 3 1 2 3 1 2 3 1 2 3 1 2	Valid Discount Code (PAVDAT) with Reservation Covering Day 15 Invalid Discount Code (PAVA_GET) with Stay Less than 5 Days Valid Reservation with No Discount Valid Reservation with No Discount Valid Reservation to Non-Existent Hotel Hotel found Hotel found Hotel found Entry hotelName Returns list of hotels	Check In: 14, Check Out. 17, Discount Code: "PAYDAY" Check In: 25, Check Out. 27, Discount Code: "STAYA, GET1" hotelName="Cared Hotel", noom1yee="Standard", guestName="John Dee", checkinDathotelName="Grand Hotel", noom1yee="Standard", guestName="John Dee", checkinDathotelName="Non-Hotel", noom1yee="Standard", guestName="John Dee", checkinDatentotelName="Cared Hotel", page-Standard", guestName="John Dee", checkinDatentotelName="Cared Hotel", page-Standard", guestName="John Dee", checkinDatentotelName="Cared Hotel" hotelName="Youngstatent Hotel"	F.AL.SE =	HashMap containing Reservation Details HashMap containing Reservation Details with Discount Code applied null Hotel object null null ArrayLast of Hotel objects
DiscountApplied reateTemporaryReservation ndHotelByName	3 1 2 3 1 2 3 1 2 3 1 2 3 1 2	Valid Discount Code (PRVDAT) with Reservation Covering Day 15 invalid Discount Code (PSAV_AET,1" with Stay Less than 5 Days Valid Reservation with No Discount Valid Reservation with Valid Discount Code ("LWORK_HERE") Reservation for Non-Existent Hotel Hotel Foot Code ("LWORK_HERE") Hotel Foot Code ("LWORK_HERE") Reservation for Non-Existent Hotel Hotel Foot Code ("LWORK_HERE") Hotel Foot Code ("LWORK_HERE") Reservation for Word Foot Foot Foot Foot Foot Foot Foot Foo	Check In: 14, Check Out. 17, Discount Code: "PAYDAY" Check In: 25, Check Out. 27, Discount Code: "STAYA, GET1" hotelName="Cared Hotel", noom1yee="Standard", guestName="John Dee", checkinDathotelName="Grand Hotel", noom1yee="Standard", guestName="John Dee", checkinDathotelName="Non-Hotel", noom1yee="Standard", guestName="John Dee", checkinDatentotelName="Cared Hotel", page-Standard", guestName="John Dee", checkinDatentotelName="Cared Hotel", page-Standard", guestName="John Dee", checkinDatentotelName="Cared Hotel" hotelName="Youngstatent Hotel"	P.A.SE ==1. A.L.SE ==7. chei HashMap containing Reservation Details ==7. chei HashMap containing Reservation Details with Discount Code applied 1. check null Hotel object null null	HashMap containing Reservation Details HashMap containing Reservation Details with Discount Code applied null Hotel object null null
DiscountApplied eateTemporaryReservation ad+lote(ByName	3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 2 3	Valid Discount Code (PAVDAT) with Reservation Covering Day 15 Invalid Discount Code (PAVA_GET) with Stay Less than 5 Days Valid Reservation with No Discount Valid Reservation with No Discount Valid Reservation to Non-Existent Hotel Hotel found Hotel found Hotel found Entry hotelName Returns list of hotels	Check In: 14, Check Out. 17, Discount Code: "PAYDAY" Check In: 25, Check Out. 27, Discount Code: "STAYA, GET1" hotelName="Cared Hotel", noom1yee="Standard", guestName="John Dee", checkinDathotelName="Grand Hotel", noom1yee="Standard", guestName="John Dee", checkinDathotelName="Non-Hotel", noom1yee="Standard", guestName="John Dee", checkinDatentotelName="Cared Hotel", page-Standard", guestName="John Dee", checkinDatentotelName="Cared Hotel", page-Standard", guestName="John Dee", checkinDatentotelName="Cared Hotel" hotelName="Youngstatent Hotel"	F.AL.SE =	HashMap containing Reservation Details HashMap containing Reservation Details with Discount Code applied null Hotel object null null ArrayLast of Hotel objects
DiscountApplied eateTemporaryReservation ad+lote(ByName	3 1 2 3 1 2 3 1 1 2 3 1 2 3 1 2 2 3 1 2 2 3 1 1 2 2 3 1 2 3 1 2 2 3 1 3 1	Valid Discount Code (PAVDAT) with Reservation Covering Day 15 Invalid Discount Code (PAVA_GET) with Stay Less than 5 Days Valid Reservation with No Discount Valid Reservation with No Discount Valid Reservation to Non-Existent Hotel Hotel found Hotel found Hotel found Entry hotelName Returns list of hotels	Check In: 14, Check Out. 17, Discount Octs. "PAYDAY" Check In: 25, Check Out. 27, Discount Octs. "PAYDAY" Into Intermet "Crand Hotel", room Types "Standard", guestNames-"John Doe", checkinDate hotelNames-"Grand Hotel", room Types-"Standard", guestNames-"John Doe", checkinDate hotelNames-"Noon-Hotel", room Types-"Standard", guestNames-"John Doe", checkinDate hotelNames-"Youn-Hotel", room Types-"Standard", guestNames-"John Doe", checkinDate= hotelNames-"Noon-Hotel", room Types-"Standard", guestNames-"John Doe", checkinDate= hotelNames-"Noon-Hotel" hotelNames-"Noon-Hotel" hotelNames-"Noon-Hotel"	F.AL.SE =	HashMap containing Reservation Details HashMap containing Reservation Details with Discount Code applied null Hotel object null null ArrayLast of Hotel objects
DiscountApplied eateTemporaryReservation ad+lote(ByName	3 1 2 3 1 1 2 3 1 1 2 3 3 1 1 2 2 3 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 2 3 1 2 2 3 1 2 2 3 1 2 2 3 1 2 2 3 1 2 2 3 1 2 3 3 1 2 3 3 1 2 3 2 3	Valid Discount Code ("PAVDA") with Reservation Covering Day 15 invalid Discount Code ("STA"4, GET"1) with Stay Less than 5 Days Valid Reservation with Not Discount Valid Reservation with Natio Discount Code ("L_WORK_HERE") Reservation for Non-Existent Hotel Hotel found Hotel found Emryty hoteName Returns list of hotels Emyty list of hotels (if applicable)	Check In: 14, Check Out. 17, Discount Octs. "PAYDAY" Check In: 25, Check Out. 27, Discount Octs. "PAYDAY" Index In: 25, Check Out. 27, Discount Octs. "STAY, GET1" hotelNames*Crand toker, noom/types*Standard, guestNames*John Doer, checkinDate- hotelNames*Grand Hotel; noom/types*Standard, guestNames*John Doer, checkinDate- hotelNames*Torn-Hotel; noom/types*Standard*, guestNames*John Doer, checkinDate- hotelNames*Torn-Stard Hotel hotelNames*Non-Hotel Class: Hotel Class: Hotel	F.A.J.SE -T. che HashMap containing Reservation Details -T. che HashMap containing Reservation Details with Discount Code applied -T. check full Hotel object null ArrayList of Hotel objects Emply ArrayList	HashMap containing Reservation Details with Discount Code applied null HashMap containing Reservation Details with Discount Code applied null Hash object and ArrayList of Hotel objects Empty ArrayList
schedumt.coevalid schedumt.ppfiled createTemporaryReservation findHotelByName getHotels Method	3 1 2 3 1 1 2 3 1 1 2 3 1 2 3 1 2	Valid Discount Code (PAVDAT) with Reservation Covering Day 15 Invalid Discount Code (PAVA_GET) with Stay Less than 5 Days Valid Reservation with No Discount Valid Reservation with No Discount Valid Reservation to Non-Existent Hotel Hotel found Hotel found Hotel found Entry hotelName Returns list of hotels	Check In: 14, Check Out. 17, Discount Octs. "PAYDAY" Check In: 25, Check Out. 27, Discount Octs. "PAYDAY" Into Intermet "Crand Hotel", room Types "Standard", guestNames-"John Doe", checkinDate hotelNames-"Grand Hotel", room Types-"Standard", guestNames-"John Doe", checkinDate hotelNames-"Noon-Hotel", room Types-"Standard", guestNames-"John Doe", checkinDate hotelNames-"Youn-Hotel", room Types-"Standard", guestNames-"John Doe", checkinDate= hotelNames-"Noon-Hotel", room Types-"Standard", guestNames-"John Doe", checkinDate= hotelNames-"Noon-Hotel" hotelNames-"Noon-Hotel" hotelNames-"Noon-Hotel"	F.AL.SE =	HashMap containing Reservation Details HashMap containing Reservation Details with Discount Code applied null Hotel object null null ArrayLast of Hotel objects

		alize a hotel with invalid number of rooms (<1)	"Marriott" -5	Number of rooms set to 1 with base price 1299 0	Number of moms set to 1 with base price 1299 0	P
		alize a hotel with invalid number of rooms (>50)	"Hyatt". 100	Number of rooms set to 1 with base price 1299.0. Number of rooms set to 1 with base price 1299.0.	Number of rooms set to 1 with base price 1299.0. Number of moms set to 1 with base price 1299.0.	P D
						P
euvame			Hotel "Sheraton"	"Sheraton" "Sheraton Grand"	"Sheraton"	Р
			Hotel "Sheraton Grand"		"Sheraton Grand"	P
etName	3 Char		"Sheraton" -> "Sheraton Grand"	Name changed to "Sheraton Grand".	Name changed to "Sheraton Grand".	P
	1 Char	ange the name of the hotel to an already existing name.	"Sheraton Grand" -> "Hilton"	"Name already exists."	"Name already exists."	P
etNumOfRooms	1 Retri		Hotel "Hilton"	5 (after adding/removing rooms as applicable).	5 (after adding/removing rooms as applicable).	Р
			Hotel "Hilton"	Number adjusted to changes made in the test cases.	Number adjusted to changes made in the test cases.	Р
etNumOfRooms			"Hilton". 10	Number of rooms set to 10.	Number of rooms set to 10.	D.
enunonouns			"Hilton", 60			
	1 Sett			Number of rooms set to 1 with base price 1299.0.	Number of rooms set to 1 with base price 1299.0.	Р
			"Hilton", 0	Number of rooms set to 1 with base price 1299.0.	Number of rooms set to 1 with base price 1299.0.	P
etMaxRooms			Hotel "Hilton"	50	50	P
etAvailableRoomsOnDate	1 Retri	rieve the list of available rooms for a date range.	"Hilton", 5, 10	List of available rooms (Room objects)	List of available rooms (Room objects)	P
	2 Retri	rieve the list of available rooms when none are free.	"Hilton", 5, 10	Empty list	Empty list	Р
			"Hilton" 5 10	List of available rooms considering existing reservations	List of available rooms considering existing reservations	D
areEmptyReservations			Hotel "Hilton"	true (if all rooms have no reservations)	true (if all rooms have no reservations)	
areEmptyReservations						Р
			Hotel "Hilton"	false (if some rooms have reservations)	false (if some rooms have reservations)	P
getBasePrice	3 Retri		Hotel "Hilton"	1299	1299	P
	1 Retri	rieve the base price after changing it.	Hotel "Hilton"	Updated base price	Updated base price	P
ietBasePrice	2 Set t	the base price for rooms assuming no reservations.	"Hilton", 1499.0	Base price set to 1499.0 for all rooms.	Base price set to 1499.0 for all rooms.	Р
			"Hilton", 1599.0	"Cannot update price due to existing reservations."	"Cannot update price due to existing reservations."	P
etEstimatedEamings			Hotel "Hilton"	Total earnings from all rooms based on their reservations.	Total earnings from all rooms based on their reservations.	D
etconnateucannings						
			Hotel "Hilton"	0 (if no reservations exist).	0 (if no reservations exist).	Р
etUniqueNamesList		Initial Unique Names List (Empty Used Names List)		Non-empty list containing all unique room names (e.g., "Azure", "Moonlight", etc.)	Non-empty list containing all unique room names (e.g., "Azure", "Moonlight", etc.)	P
etUsedNamesList			(assuming rooms are added)	Non-empty list with some unique names removed (depending on added rooms)	Non-empty list with some unique names removed (depending on added rooms)	P
tUniqueName	1 Get I	Unique Name (Available Names List)		A unique name from the uniqueNamesList (e.g., "Azure")	A unique name from the uniqueNamesList (e.g., "Azure")	P
			(assuming all unique names are used)	Fallback name "Roomu" + (number of rooms + 1) (e.g., "Roomu51")	Fallback name "Roomu" + (number of rooms + 1) (e.g., "Roomu51")	P
etRooms			(assuming an unique harries die deed)	Non-empty list containing initialized Room objects	Non-empty list containing initialized Room objects	P
			(assuming rooms are initialized) (assuming rooms are added)	Updated list containing additional Room objects	Updated list containing additional Room objects	P P
					Updated list containing additional Room objects Creates 10 Rooms with unique names and base price	P
itializeRooms			numOfRooms = 10	Creates 10 Rooms with unique names and base price		P
			numOfRooms = 100	No rooms created (or error message)	No rooms created (or error message)	P
	3 Initia	alize Rooms with Invalid Number (Too Low)	numOfRooms = 0	No rooms created (or sets numOfRooms to default 1)	No rooms created (or sets numOfRooms to default 1)	P
etRoom	1 Get I	Existing Room by Name	roomName = "Azure" (assuming a room with this name exists)	Room object with name "Azure"	Room object with name "Azure"	P
			roomName = "Nonexistent Room"	null	null	D
nddRoom			roomType = "Deluxe"	Room is added with unique name and room tune	Poom in added with unique name and mem tune	P.
suurvooni				Room is added with unique name and room type	Room is added with unique name and room type	Р
		I Room When Hotel is Full	(assuming max rooms are reached)	Message indicating hotel is full and room cannot be added	Message indicating hotel is full and room cannot be added	P
			roomType = "Invalid Type"	Room is not added (or error message)	Room is not added (or error message)	P
removeRoom			roomName = "Azure" (assuming a room with this name exists)	Room is removed from the Hotel's list	Room is removed from the Hotel's list	P
	2 Rem	nove Non-Existing Room by Name	roomName = "Nonexistent Room"	No change in Hotel's rooms list (or message indicating room not found)	No change in Hotel's rooms list (or message indicating room not found)	P
getAvailableRoomsOnDate(with roomType)	1 Get	Available Rooms by Type and Date with Available Rooms	checkinDate = 1, checkOutDate = 3, roomType = "Standard"	List of available suite rooms for the specified dates	List of available suite rooms for the specified dates	Р
,,,,,,	2 Cot	Available Rooms by Type and Date with No Available Rooms	checkInDate = 1, checkOutDate = 3, roomType = "Deluxe" (assuming no suite rooms available)		Empty list	D
etRoomsBvTvpe			roomType = "Standard"	List of rooms with type "Standard"	List of rooms with type "Standard"	
getkoomsisyType						Р
	2 Get I	Rooms by Type with No Matching Rooms	roomType = "InvalidType"	Empty list	Empty list	P
		Class: Rese	ervation			
Method				Evaceted Output	Actual Output	D/5
Method		Test Description	Sample input Data	Expected Output	Actual Output	P/F
Method Reservation		Test Description ate a reservation with valid details.	Sample input Data guestName: "John Doe", room: Room("Room-1", 1299.0), checkInDate: 1, checkOutDate: 5	Reservation object with given details	Reservation object with given details	P/F
Method Reservation	2 Crea	Test Description ate a reservation with valid details. ate a reservation with a single-day stay.	Sample input Data guestName: "John Doe", room: Room("Room-1", 1299.0), checkInDate: 1, checkOutDate: 5 guestName: "Jane Doe", room: Room("Room-2", 1299.0), checkInDate: 1, checkOutDate: 1	Reservation object with given details Reservation object with single-day stay details	Reservation object with given details Reservation object with single-day stay details	P/F P
COC YESOTI	2 Crea 3 Crea	Test Description ale a reservation with valid details. ale a reservation with a single-day stay. ale a reservation with same check-in and check-out.	Sample input Data guestName: "John Doe", room: Room("Room-1", 1299.0), checkinDate: 1, checkOulDate: 5 guestName: "Jane Doe", room: Room("Room-2", 1299.0), checkinDate: 1, checkOulDate: 1 guestName: "Alice Smith", room: Room("Room-3", 1299.0), checkinDate: 2, checkOulDate: 2	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date	P/F P P
COC YESOTI	2 Crea 3 Crea	Test Description ale a reservation with valid details. ale a reservation with a single-day stay. ale a reservation with same check-in and check-out.	Sample input Data guestName: "John Doe", room: Room("Room-1", 1299.0), checkInDate: 1, checkOutDate: 5 guestName: "Jane Doe", room: Room("Room-2", 1299.0), checkInDate: 1, checkOutDate: 1	Reservation object with given details Reservation object with single-day stay details	Reservation object with given details Reservation object with single-day stay details	P/II P P P
COC YESOTI	2 Crea 3 Crea 1 Retri	Test Description ate a reservation with valid details, ate a reservation with a single-day stay, ate a reservation with same check-in and check-out. trieve the guest name from the reservation.	Sample input Data guestName: "John Doe", room: Room("Room-1", 128 (I), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", room: Room("Room-2", 1280 (I), checkinDate: 1, checkOutDate: 1 guestName: "Aluce Smith", room: Room("Room-3", 1289 (I), checkinDate: 2, checkOutDate: 2 guestName: "Aluce Smith", room: Room("Room-3", 1289 (I), checkinDate: 2, checkOutDate: 2 guestName: "Onto Doe"	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe"	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe"	P/II P P P
etGuestName	 Crea Crea Retri Retri 	Test Description ate a reservation with valid details. ate a reservation with a single-day stay, ate a reservation with same check-in and check-out. rieve the guest name from the reservation. rieve the guest name from a different reservation.	Sample input Data guestName: "John Doe", room: Room("Room-1", 1280,0), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", room: Room("Room-2", 1280,0), checkinDate: 1, checkOutDate: 1 guestName: "Alice Smith", room: Room("Room-3", 1299,0), checkinDate: 2, checkOutDate: 2 guestName: "John Doe" guestName: "John Doe"	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date	P/II P P P P
etGuestName	2 Crea 3 Crea 1 Retri 2 Retri 1 Retri	Test Description ate a reservation with valid details. ate a reservation with a single-day stay. ate a reservation with as incheck-in and check-out. rever the guest name from the reservation. rieve the guest name from a different reservation. rieve the guest name from a different reservation.	Sample input Data guestName: "John Doe", noon: Room("Room-1", 1980.0), checkinDate: 1, checkOutDate: 5 guestName: "Jame Doe", noon: Room("Room-2", 1980.0), checkinDate: 1, checkOutDate: 1 guestName: "Aluce Smith", noon: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "John Doe" guestName: "John Doe" checkinDate: 1	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe"	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe"	P/I
etGuestName etCheckInDate	2 Crea 3 Crea 1 Retri 2 Retri 1 Retri 2 Retri 2 Retri	Test Description ate a reservation with valid dealia. ate a reservation with a single-day stay, ate a reservation with a single-day stay, ate a reservation with same check-in and check-out, rivere the guest name from the reservation. rivere the guest name from a different reservation. rivere the check-in date from the reservation. rivere the check-in date from another reservation.	Sample input Data guestName: "John Doe", norm: Room("Room-1", 1298.0), checkInDate: 1, checkOutDate: 5 guestName: "Jane Doe", norm: Room("Room-2", 1298.0), checkInDate: 1, checkOutDate: 1 guestName: "Alue Smith", norm: Room("Room-3", 1299.0), checkInDate: 2, checkOutDate: 2 guestName: "Jane Doe" checkInDate: 1 checkInDate: 2 checkInDate: 2	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe"	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe"	P/PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP
etGuestName etCheckInDate	2 Crea 3 Crea 1 Retri 2 Retri 1 Retri 2 Retri 1 Retri 1 Retri	Test Description ate a reservation with valid details. ate a reservation with a single-day stay, ate a reservation with as incle-day stay, ate a reservation with same check-in and check-out. rieve the guest name from a different reservation. rieve the guest name from a different reservation. rieve the check-in date from the reservation. rieve the check-in date from the reservation. rieve the check-in date from the reservation.	Sample Input Data guestName: "John Doe", nom: Room("Room-1", 1298.0), checkinDate: 1, checkOutDate: 5 guestName: "Jame Doe", nom: Room("Room-2", 1298.0), checkinDate: 1, checkOutDate: 1 guestName: "Aluce Smith", nom: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "John Doe" guestName: "John Doe" checkinDate: 1 checkinDate: 1 checkinDate: 2 checkinDate: 2	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe"	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe"	P/PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP
etGuestName etCheckInDate	2 Crea 3 Crea 1 Retri 2 Retri 1 Retri 2 Retri 1 Retri 2 Retri 1 Retri 2 Retri 2 Retri 2 Retri	Test Description ate a reservation with valid details. ate a reservation with a single-day stay, ate a reservation with a single-day stay, ate a reservation with same check-in and check-out, riseve the guest amen from the reservation. riseve the guest name from a different reservation. riseve the check-ind late from the reservation. riseve the check-out date from the reservation. riseve the check-out date from softer reservation. riseve the check-out date from softer reservation.	Sample input Data guestName: "John Doe", room: Room("Room-1", 1298 0), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", room: Room("Room-2", 1298 0), checkinDate: 1, checkOutDate: 1 guestName: "Aluce Smith", room: Room("Room-3", 1299 0), checkinDate: 2, checkOutDate: 2 guestName: "Aluce Smith", room: Room("Room-3", 1299 0), checkinDate: 2, checkOutDate: 2 checkOutDate: 1 checkOutDate: 2 checkOutDate: 2 checkOutDate: 2	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe" 1 2 5	Reservation object with given details Reservation object with single-days stay details Reservation object with check-in and check-out on the same date "John Doe" "Jane Doe" 1 2 5 5 2	PAPPP
etCuestName etCheckinDate etCheckOutDate	2 Crea 3 Crea 1 Retri 2 Retri 1 Retri 2 Retri 1 Retri 2 Retri 1 Retri 2 Retri 2 Retri 2 Retri	Test Description afe a reservation with valid details. ate a reservation with a single-day stay, ate a reservation with as insigle-day stay, ate a reservation with same check-in and check-out. rieve the guest name from a different reservation. rieve the guest name from a different reservation. rieve the check-ind atte from the reservation. rieve the check-ind tafe from the reservation. rieve the check-out date from another reservation. rieve the check-out date from the reservation. rieve the check-out date from the reservation.	Sample Input Data guestName: "John Doe", norm: Room("Room-1", 1299.0), checkinDate: 1, checkOutDate: 5 guestName: "Jame Doe", norm: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "Aluce Sminh", norm: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "John Doe" guestName: "John Doe" checkInDate: 1 checkInDate: 1 checkInDate: 2 checkOutDate: 2 checkOutDate: 2 checkOutDate: 5 checkOutDate: 5 checkOutDate: 5 checkOutDate: 2	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe"	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe"	P/I P P P P P P P P P P P P P P P P P P
etGuestName etCheckinDate etCheckOutDate	2 Crea 3 Crea 1 Retri 2 Retri 1 Retri 2 Retri 1 Retri 2 Retri 1 Retri 1 Retri 1 Retri 1 Retri	Test Description afe a reservation with valid details. ate a reservation with a single-day stay, ate a reservation with as insigle-day stay, ate a reservation with same check-in and check-out. rieve the guest name from a different reservation. rieve the guest name from a different reservation. rieve the check-ind atte from the reservation. rieve the check-ind tafe from the reservation. rieve the check-out date from another reservation. rieve the check-out date from the reservation. rieve the check-out date from the reservation.	Sample Input Data guestName: "John Doe", norm: Room("Room-1", 1299.0), checkinDate: 1, checkOutDate: 5 guestName: "Jame Doe", norm: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "Aluce Sminh", norm: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "John Doe" guestName: "John Doe" checkInDate: 1 checkInDate: 1 checkInDate: 2 checkOutDate: 2 checkOutDate: 2 checkOutDate: 5 checkOutDate: 5 checkOutDate: 5 checkOutDate: 2	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe" 1 2 5	Reservation object with given details Reservation object with single-days stay details Reservation object with check-in and check-out on the same date "John Doe" "Jane Doe" 1 2 5 5 2	P/II P P P P P P P P P P P P P
elCuesName elCheckInDate elCheckOutDate elRoom	2 Crea 3 Crea 1 Retri 2 Retri 2 Retri 1 Retri 2 Retri 2 Retri	Test Description ate a reservation with a single-day stay. ate a reservation with a single-day stay. ate a reservation with as received and stay of the stay of th	Sample input Data guestName: "John Doe", room: Room("Room-1", 1290 (I), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", room: Room("Room-2", 1290 (I)), checkinDate: 1, checkOutDate: 1 guestName: "Aline Smith", room: Room("Room-3", 1299 (I)), checkinDate: 2, checkOutDate: 2 guestName: "John Doe" guestName: "Jane Doe" checkInDate: 1 checkInDate: 1 checkInDate: 2 checkOutDate: 5 checkOutDate: 5 checkOutDate: 5 checkOutDate: 7 checkOutDate	Reservation object with given details Reservation object with check-in and check-out on the same date "John Doe" "Jane Doe" 1 5 5 Room object with name "Room-1" and price 1299 0 Room object with name "Room-2" and price 1299 0	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe" "Jame Doe" 1 2 5 5 Room object with name "Room-1" and price 1299 0 Room object with name "Room-2" and price 1299 0	P/I P P P P P P P P P P P P P P P P P P
elCuesName elCheckInDate elCheckOutDate elRoom	2 Crea 3 Crea 3 Crea 3 Crea 1 Retri 2 Retri 1 Retri 2 Retri 1 Retri 2 Retri 1 Retri 1 Retri 1 Calc 1	Test Description afte a reservation with valid details afte a reservation with a single-day stay, afte a reservation with as end-exclusin and check-out, rieve the guest name from the reservation. rieve the guest name from a different reservation. rieve the check-ind leaf from the reservation. rieve the check-ind leaf from the reservation. rieve the check-ind leaf from the reservation. rieve the check-out date from another reservation. rieve the check-out date from the reservation. rieve the croom details from the reservation. rieve the room details from the reservation. rieve the room details from another reservation. rieve the room details from another reservation.	Sample Input Data guestName: "John Doe", norm: Room("Room-1", 1299.0), checkinDate: 1, checkOutDate: 5 guestName: "Jame Doe", norm: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "Alice Sminh", norm: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "John Doe" guestName: "John Doe" checkInDate: 1 checkInDate: 2 checkInDate: 3 checkInDate: 4	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe" "Jane Doe" 1 2 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Reservation object with given details Reservation object with single-day stay details Reservation object with heack-in and check-out on the same date "John Doe" "Jane Doe" 1 2 5 5 Room object with name "Room-1" and price 1299.0 Room object with name "Room-2" and price 1299.0 Room object with name "Room-2" and price 1299.0 Room object with name "Room-2" and price 1299.0	PIN P P P P P P P P P P P P P P P P P P P
gelGuestName gelGuestName gelCheckinDate gelCheckOutDate	2 Crea 3 Crea 1 Retri 2 Retri 1 Calc	Test Description atle a reservation with valid details. atle a reservation with a single-day stay, atle a reservation with a single-day stay. atle a reservation with same check-in and check-out. rieve the guest name from the reservation. rieve the guest name from a different reservation. rieve the check-in date from the reservation. rieve the check-in date from the reservation. rieve the check-out date from another reservation. cutate total price for multi-day reservation. cutate total price for multi-day reservation. cutate total price for multi-day reservation.	Sample input Data guestName: "John Doe", nom: Room("Room-1", 199.0), checkinDate: 1, checkOutDate: 5 guestName: "Jame Doe", nom: Room("Room-2", 199.0), checkinDate: 1, checkOutDate: 1 guestName: "Allee Smith", room: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "John Doe" guestName: "John Doe" checkinDate: 1 checkinDate: 1 checkinDate: 2 checkOutDate: 2 checkOutDate: 2 checkOutDate: 2 checkOutDate: 2 checkinDate: 1, checkOutDate: 2, costPerNight: 1299.0 checkinDate: 1, checkOutDate: 3, costPerNight: 1299.0	Reservation object with opine details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe" "Jane Doe" "Jane Doe" "Reservation object with name "Reservation of the same date "See See See See See See See See See See	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doer" "Jame Doer" 1 2 5 6 Room object with name "Room-1" and price 1299 0 Room object with name "Room-2" and price 1299 0 8485 0 (5 * 1299 0) 8485 0 (5 * 1299 0)	PI P P P P P P P P P P P P P P P P P P
pelGuesName setCheckinDate setCheckOutDate setCheckOutDate setRoom	2 Crea 3 Crea 3 Crea 1 Retri 2 Retri 1 Calc 2 Calc 3 Calc	Test Description afte a reservation with valid details afte a reservation with a single-day stay. afte a reservation with as engle-day stay. afte a reservation with same check-in and check-out. freve the guest name from the reservation. reve the guest name from a different reservation. reve the check-ind leaf from the reservation. reve the check-ind leaf from the reservation. reve the check-out date from another reservation. reve the check-out date from the reservation. reve the croom details from the reservation. reve the room details from the reservation. crieve the room details from another reservation. cutate total price for multi-day reservation. cutate total price for single-day reservation. cutate total price for single-day reservation. cutate total price for single-day reservation.	Sample Input Date guestName: "John Doe", norm: Room("Room-1", 1299.0), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", norm: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "Jane Doe", norm: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "Jane Doe" checkinDate: 1 checkinDate: 2 checkOutDate: 3 checkOutDate: 4 checkOut	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe" "Jane Doe" 1 2 5 6 Room object with name "Room-1" and price 1299.0 Room object with name "Room-2" and price 1299.0 Room object with name "Room-2" and price 1299.0 2580.0 (1'1290.0 + 1290.0) 2580.0 (1'1290.0 + 1290.0)	Reservation object with given details Reservation object with single-day stay details Reservation object with sheek-in and check-out on the same date "John Doe" "Jane Doe" 1 2 5 5 2 Room object with name "Room-1" and price 1299.0 Room object with name "Room-2" and price 1299.0 Soom object with name "Room-2" and price 1299.0	P/III
etGuestName etCheckinDate etCheckOutDate etRhoom etTotalPrice	2 Crea 3 Crea 3 Crea 3 Crea 3 Crea 3 Crea 3 Crea 4 Crea 5	Test Description ate a reservation with valid details. ate a reservation with a single-day stay, ate a reservation with a single-day stay, ate a reservation with same check-in and check-out. rever the guest name from the reservation. rieve the guest name from a different reservation. rieve the check-in date from horservation. rieve the check-in date from the reservation. rieve the check-out date from sonther reservation. rieve the check-out date from the reservation. rieve the rechec details from the reservation. rieve the record details from the reservation. rieve the room details from the reservation. cutate total proc for multi-day reservation. cutate total proc for ingle-day reservation. cutate total proc for single-day reservation. cutate total proc for single-day reservation. cutate total proc for fingle-day reservation.	Sample input bats guestName: "John Doe", nom: Room("Room-1", 1299.0), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", nom: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "Jane Doe", nom: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "John Doe" guestName: "John Doe" checkinDate: 1 checkinDate: 2 checkOutDate: 2 checkOutDate: 5 checkOutDate: 5 checkOutDate: 5 checkOutDate: 2 checkOutDate: 5 checkOutDate: 2 checkOutDate: 5 checkOutDate: 2 checkOutDate: 1 checkInDate: 1, checkOutDate: 1, costPerNight: 1299.0 checkInDate: 1, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 2, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 3, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 3, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 3, costPerNight: 1299.0 checkInDate: 4, checkOutDate: 4, costPerNight: 1299.0 checkInDate: 5, costPerNight: 1299.0 checkInDate: 5, costPerNight: 1299.0 checkInDate: 5, costPerNight: 1299.0	Reservation object with opine details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date **Jahra Doe" **Jah	Reservation object with given details Reservation object with eight edwy stays yetails Reservation object with check-in and check-out on the same date -1.0in 1.0ee* -1.aine 1.0ee* 1 2 2 5 6 Room object with name "Room-1" and price 1299 0 Room object with name "Room-2" and price 1299 0 8485 0.0 (5 1.299 0) 9485 0.0 (1 1.299 0 + 1299 0) 92588 0 (0 1.1290 0 + 1299 0)	P/I
etCuesName etCheckinDate etCheckOutDate etPhoon	2 Crea 3 Crea 3 Crea 1 Retri 2 Retri 1 Retri 1 Retri 2 Retri 1 Retri 2 Retri 1 Calc 2 Calc 3 Calc 1 Retri 2 Retri 1 Calc 2 Calc 3 Calc 4 Retri 2 Retri 2 Retri 5 Calc 5 Calc	Test Description afte a reservation with valid details. afte a reservation with a single-day stay. afte a reservation with as single-day stay. afte a reservation with same check-in and check-out. freve the guest name from the reservation. rieve the guest name from a different reservation. rieve the check-ind late from the reservation. rieve the check-ind tale from the reservation. rieve the check-out date from the reservation. rieve the check-out date from the reservation. rieve the croom details from the reservation. rieve the room details from the reservation. cutate total price for multi-day reservation. cutate total price for single-day reservation. cutate total price for single-day reservation. cutate total price for single-day reservation. rieve the root per night for the reserved room.	Sample Input Date guestName: "John Doe", norm: Room("Room-1", 1299.0), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", norm: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "Jane Doe", norm: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "Jane Doe" checkinDate: 1 checkinDate: 2 checkOutDate: 3 checkOutDate: 4 checkOut	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe" "Jane Doe" 1 2 5 6 Room object with name "Room-1" and price 1299.0 Room object with name "Room-2" and price 1299.0 Room object with name "Room-2" and price 1299.0 2580.0 (1'1290.0 + 1290.0) 2580.0 (1'1290.0 + 1290.0)	Reservation object with given details Reservation object with single-day stay details Reservation object with sheek-in and check-out on the same date "John Doe" "Jane Doe" 1 2 5 5 2 Room object with name "Room-1" and price 1299.0 Room object with name "Room-2" and price 1299.0 Soom object with name "Room-2" and price 1299.0	P/III
etCuesName etCheckinDate etCheckOutDate etPhoon	2 Crea 3 Crea 3 Crea 1 Retri 2 Retri 1 Retri 1 Retri 2 Retri 1 Retri 2 Retri 1 Calc 2 Calc 3 Calc 1 Retri 2 Retri 1 Calc 2 Calc 3 Calc 4 Retri 2 Retri 2 Retri 5 Calc 5 Calc	Test Description ate a reservation with valid details. ate a reservation with a single-day stay, ate a reservation with a single-day stay, ate a reservation with same check-in and check-out. rever the guest name from the reservation. rieve the guest name from a different reservation. rieve the check-in date from horservation. rieve the check-in date from the reservation. rieve the check-out date from sonther reservation. rieve the check-out date from the reservation. rieve the rechec details from the reservation. rieve the record details from the reservation. rieve the room details from the reservation. cutate total proc for multi-day reservation. cutate total proc for ingle-day reservation. cutate total proc for single-day reservation. cutate total proc for single-day reservation. cutate total proc for fingle-day reservation.	Sample input bats guestName: "John Doe", nom: Room("Room-1", 1299.0), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", nom: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "Jane Doe", nom: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "John Doe" guestName: "John Doe" checkinDate: 1 checkinDate: 2 checkOutDate: 2 checkOutDate: 5 checkOutDate: 5 checkOutDate: 5 checkOutDate: 2 checkOutDate: 5 checkOutDate: 2 checkOutDate: 5 checkOutDate: 2 checkOutDate: 1 checkInDate: 1, checkOutDate: 1, costPerNight: 1299.0 checkInDate: 1, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 2, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 3, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 3, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 3, costPerNight: 1299.0 checkInDate: 4, checkOutDate: 4, costPerNight: 1299.0 checkInDate: 5, costPerNight: 1299.0 checkInDate: 5, costPerNight: 1299.0 checkInDate: 5, costPerNight: 1299.0	Reservation object with opine details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date **Jahra Doe" **Jah	Reservation object with given details Reservation object with eight edwy stays yetails Reservation object with check-in and check-out on the same date -1.0in 1.0ee* -1.aine 1.0ee* 1 2 2 5 6 Room object with name "Room-1" and price 1299 0 Room object with name "Room-2" and price 1299 0 8485 0.0 (5 1.299 0) 9485 0.0 (1 1.299 0 + 1299 0) 92588 0 (0 1.1290 0 + 1299 0)	P/III
etCuestName etCheckinDate etCheckinDate etCheckOutDate etChackOutDate etTotalPrice etCostPerNight	2 Crea 3 Crea 3 Crea 1 Retri 2 Retri 1 Retri 2 Retri 1 Retri 2 Retri 1 Calc 2 Retri 1 Calc 2 Calc 3 Calc 3 Calc 1 Retri	Test Description ate a reservation with a single-day stay, ate a reservation with a single-day stay, ate a reservation with a single-day stay, ate a reservation with same check-in and check-out. revere the guest name from the reservation. rieve the guest name from a different reservation. rieve the check-in date from her or servation. rieve the check-out date from the reservation. rieve the check-out date from the reservation. rieve the check-out date from the reservation. rieve the record side from the reservation. rieve the room of the reservation. rieve the room details from the reservation. rieve the room details from the reservation. ruide total prote for multi-day reservation. ruide total prote for single-day reservation. ruide total prote with same check-in and check-out. rieve the cost per right from another reservation. rieve the cost per right from another reservation.	Sample input bats guestName: "John Doe", nom: Room("Room-1", 1299.0), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", nom: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "Jane Doe", nom: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "John Doe" guestName: "John Doe" checkinDate: 1 checkinDate: 2 checkOutDate: 2 checkOutDate: 5 checkOutDate: 5 checkOutDate: 5 checkOutDate: 2 checkOutDate: 5 checkOutDate: 2 checkOutDate: 5 checkOutDate: 2 checkOutDate: 1 checkInDate: 1, checkOutDate: 1, costPerNight: 1299.0 checkInDate: 1, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 2, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 3, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 3, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 3, costPerNight: 1299.0 checkInDate: 4, checkOutDate: 4, costPerNight: 1299.0 checkInDate: 5, costPerNight: 1299.0 checkInDate: 5, costPerNight: 1299.0 checkInDate: 5, costPerNight: 1299.0	Reservation object with opine details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date 1-down Doe* "Jane Doe* "Jane Doe* "Jane Doe* "Anne Doe*	Reservation object with given details Reservation object with eight edwy stays yetails Reservation object with check-in and check-out on the same date -1.0in 1.0ee* -1.aine 1.0ee* 1 2 5 6 Room object with name "Room-1" and price 1299 0 Room object with name "Room-2" and price 1299 0 8485 0 (5 * 1299 0) 9485 0 (6 * 1299 0 + 1299 0) 9298 0 (0 * 1299 0 + 1299 0) 1299 1499	PI
petGuestName getCheckInDate getCheckOutDate getCheckOutDate getCostPetNight getCostPetNight	2 Crea 3 Crea 3 Crea 1 Retri 2 Retri 1 Retri 2 Retri 1 Retri 2 Retri 1 Calco 2 Calc 3 Calc 1 Retri 1 Calco 1 Retri 1 Calco 1 Retri 1 Retri 1 Calco 1 Retri 1 Retri 1 Retri 1 Calco 1 Retri	Test Description afte a reservation with valid details. afte a reservation with a single-day stay. afte a reservation with as single-day stay. afte a reservation with same feached-in and check-out. rivee the guest name from the reservation. rivee the guest name from a different reservation. rivee the check-ind safe from the reservation. rivee the check-out date from another reservation. rivee the check-out date from another reservation. rivee the check-out date from the reservation. rivee the crown details from the reservation. rivee the room details from the reservation. cutate total price for single-day reservation. rivee the cost per right from the reserved coom. rivee the 100 of the reservation.	Sample input bats guestName: "John Doe", nom: Room("Room-1", 1299.0), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", nom: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "Jane Doe", nom: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "John Doe" guestName: "John Doe" checkinDate: 1 checkinDate: 2 checkOutDate: 2 checkOutDate: 5 checkOutDate: 5 checkOutDate: 5 checkOutDate: 2 checkOutDate: 5 checkOutDate: 2 checkOutDate: 5 checkOutDate: 2 checkOutDate: 1 checkInDate: 1, checkOutDate: 1, costPerNight: 1299.0 checkInDate: 1, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 2, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 3, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 3, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 3, costPerNight: 1299.0 checkInDate: 4, checkOutDate: 4, costPerNight: 1299.0 checkInDate: 5, costPerNight: 1299.0 checkInDate: 5, costPerNight: 1299.0 checkInDate: 5, costPerNight: 1299.0	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe" "Jane Doe" 1 2 5 6 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Reservation object with given details Reservation object with single-days stay of the same date "John Doe" "Jame Doe" 1 2 5 5 Co	P/ P P P P P P P P P P P P P P P P P P
etCuestName etCheckInDate etCheckOutDate etCheckOutDate etTotalPrice etTotalPrice etCostPerNight etIdd etIdscountCode	2 Crea 3 Crea 3 Crea 3 Crea 3 Crea 3 Crea 4 Crea 4 Crea 4 Crea 5	Test Description ate a reservation with a single-day stay, ate a reservation with a single-day stay, ate a reservation with as single-day stay, ate a reservation with same from the reservation. rieve the guest name from a different reservation. rieve the cyclest name from a different reservation. rieve the check-in date from the reservation. rieve the check-in date from the reservation. rieve the check-out date from the reservation. rieve the check-out date from the reservation. rieve the condition from the reservation. rieve the room details from the reservation. rieve the room details from the reservation. cutate total price for multi-day reservation. cutate total price for multi-day reservation. cutate total price for multi-day reservation. rieve the cost per right from another reservation.	Sample Input Date guestName: "John Doe", nom: Room("Room-1", 1299.0), checkinDate: 1, checkOutDate: 5 guestName: "Jame Doe", nom: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "Alice Smith", nom: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "John Doe" guestName: "John Doe" guestName: "John Doe" checkinDate: 1 checkinDate: 2 checkOutDate: 2 checkOutDate: 2 checkOutDate: 2 checkOutDate: 2 checkOutDate: 2 checkOutDate: 3 checkOutDate: 4 checkOutDate: 5 checkOutDate:	Reservation object with opieve details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date 1.4 to hold "Jame Doe" "Jame Doe" Jame Doe" Jame Doe "Jame Doe	Reservation object with given details Reservation object with eight edw stay details Reservation object with eight edw stay details Reservation object with check-in and check-out on the same date 'John Doer 'Jane Doer 'Reservation object with name "Room-1" and price 1299 0 Room object with name "Room-1" and price 1299 0 Reservation of 1299 0 2598 0 (1 1299 0 + 1299 0) 2598 0 (0 1299 0 + 1299 0) 1299 Returns the Discount Code set by the user Returns the Discount Code set by the user	Pi P P P P P P P P P P P P P P P P P P
petGuestName getCheckinDate getCheckOutDate getCheckOutDate getFloom getTotalPrice getCostPerNight getId getId getId getId getId getId getIdscountCode	2 Crea 3 Crea 3 Crea 3 Crea 3 Crea 3 Crea 4 Crea 4 Crea 4 Crea 5	Test Description afte a reservation with valid details. afte a reservation with a single-day stay. afte a reservation with as single-day stay. after a reservation with same check-in and check-out. river the guest name from the reservation. river the check-in date from the reservation. river the check-in date from the reservation. river the check-in date from the reservation. river the check-out date from another reservation. river the check-out date from the reservation. river the cred-out date from the reservation. river the room details from the reservation. river the room details from the reservation. cutate total price for single-day reservation. cutate total price for single-day reservation. cutate total price for single-day reservation. cutate total price find same check-in and check-out. river the cost per right from the reservation on. river the too of per right from the reservation. river the too of the reservation. river the cost per right from mancher reservation. river the too of the reservation of the default discount code (*NA*) Total Price (*No Isourus)	Sample Input Date guestName: "John Doe", room: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", room: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "John Doe" checkOutDate: 2 checkOutDate: 1, costPerNight: 1299.0 checkInDate: 1, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 1, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 1, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 2, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 2, checkOut	Reservation object with given details Reservation object with single-dup stay details Reservation object with check-in and check-out on the same date "John Doe" "Jane Doe" "Jan	Reservation object with given details Reservation object with single-days stay details Reservation object with check-in and check-out on the same date "John Doe" "Jane Doe" 1 2 5 5 7 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8	P/ P P P P P P P P P P P P P P P P P P
etCuestName etCheckInDate etCheckOutDate etCheckOutDate etTotalPrice etTotalPrice etCostPerNight etIdd etIdscountCode	2 Crea 3 Crea 3 Crea 3 Crea 3 Crea 3 Crea 3 Crea 4 Crea 5	Test Description afe a reservation with a single-day stay, ate a reservation with a single-day stay, ate a reservation with as insple-day stay, ate a reservation with as insple-day stay, ate a reservation with same check-in and check-out. Incree the guest name from a different reservation. Incree the check-in date from the reservation. Incree the check-out date from the reservation. Incree the condition from the reservation. Incree the condition from the reservation. Custate total price for until-day reservation. Custate total price for single-day reservation. Incree the cost per right from manother reservation. Treve the cost per right from manother reservation. There the cost per right from manother reservation. There the dissolut account code	Sample Input Date guestName: "John Doe", norm: Room("Room-1", 1298.0), checkinDate: 1, checkOutDate: 5 guestName: "Jame Doe", norm: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "Allee Sminh", norm: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "John Doe" guestName: "John Doe" guestName: "John Doe" checkInDate: 1 checkInDate: 2 checkInDate: 2 checkInDate: 5 checkOutDate: 5 checkOutDate: 5 checkOutDate: 2 checkInDate: 1, costPerklight: 1299.0 prom: Room("Room-2", 1299.0) checkInDate: 1, checkOutDate: 1, costPerklight: 1299.0 checkInDate: 2, checkOutDate: 2, costPerklight: 1299.0 checkInDate: 1, checkOutDate: 2, costPerklight: 1299.0 checkInDate: 1, checkOutDate: 2, costPerklight: 1299.0 checkInDate: 2, checkOutDate: 2, costPerklight: 1299.0 checkInDate: 3, checkOutDate: 4, costPerklight: 1299.0 checkInDate: 4, checkOutDate: 4, checkOutDate: 4, checkOutDate: 5, checkOutDate: 5, checkOutDate: 4, checkOutDate: 6, checkOutDa	Reservation check with single-day stay details Reservation check with single-day stay details Reservation check with single-day stay details Reservation check with check-in and check-out on the same date 1.2	Reservation object with given details Reservation object with single-day stey details Reservation object with ender day stey details Reservation object with check-in and check-out on the same date 'John Doer 'Jane Doer 'Jane Doer 'Reservation object with name "Room-1" and price 1299 0 Room object with name "Room-1" and price 1299 0 R495 0(6 * 1299 0) R495 0(7 * 1299 0 + 1299 0) R495 0(7 * 1299 0 + 1299 0) R497 0(7 * 1299 0) R49	P// P P P P P P P P P P P P P P P P P P
etCuestName etCheckinDate etCheckinDate etCheckOutDate etTotalPrice etTotalPrice etCostPerNight etId etId etIdsountCode	2 Crea 2 Crea 3 Crea 3 Crea 3 Crea 3 Crea 3 Crea 3 Crea 4 Crea 5 C	Test Description afte a reservation with valid details. afte a reservation with a single-day stay. afte a reservation with as single-day stay. after a reservation with same check-in and check-out. river the guest name from the reservation. river the guest name from a different reservation. river the check-ind date from the reservation. river the check-out date from another reservation. river the check-out date from another reservation. river the check-out date from the reservation. river the room details from the reservation. river the room details from another reservation. cutate total price for single-day reservation. river the room price of the reservation and check-out. divere the cost per right from the reservation on. rivere the cost per right from the reservation. rivere the cost per right from another reservation. Trice the cost per right from another reservation.	Sample Input Date guestName: "John Doe", room: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", room: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "Jane Doe", room: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "Jane Doe" checkinDate: 1 checkinDate: 2 checkOutDate: 2 costPerNight: 1299.0 checkInDate: 1, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 1, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 1, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 2, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 2, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 3, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 5, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 5, checkOutDate: 2, costPerNight: 1299.0 checkInDate: 5, checkOutDate: 4, cost price: 1000.00	Reservation object with given details Reservation object with single-dup stay details Reservation object with single-dup stay details Reservation object with check-in and check-out on the same date "John Doe" "Jane Doe Jane D	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe" "Jane Doe" 1 2 5 6 7 7 8 7 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8	P/ P P P P P P P P P P P P P P P P P P
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etfCustName etfCheckinDate etfCheckOutDate etfTotalPrice etfCostPerNight etfCostPerNight etfCostPerNight etfCostPerNight etfCostPerNight	2 Crea 3 Crea 3 Crea 3 Crea 4 Crea 4 Crea 4 Crea 4 Crea 4 Crea 5	Test Description afe a reservation with a single-day stay. ate a reservation with a single-day stay. ate a reservation with as insple-day stay. ate a reservation with as insple-day stay. ate a reservation with same check-in and check-out. rever the guest name from a different reservation. rever the check-in date from the reservation. rever the check-ind atte from the reservation. rever the check-out date from the reservation. rever the check-out date from the reservation. rever the recheck-out date from the reservation. rever the room details from the reservation. rever the room details from the reservation. culate total price for single-day reservation. culate total price for single-day reservation. culate total price for single-day reservation. culate total price with same check-in and check-out. rever the cost per night for the reserved room. rever the cost per night from another reservation. rever the cost per night from another reservation. rever the cost per night from another reservation. rever the reservation and the reservation are the default discount code the default discount code the default discount code the default discount door (*NA^*) Total Price (No Discount) Total Price (No Discount) Total Price (with Royalts) Total Price with Discount (SYA*, GET1) Total Price (Marcel Ray) fault prick yith	Sample Input Date guestName: "John Doe", norm: Room("Room-1", 1299.0), checkinDate: 1, checkOutDate: 5 guestName: "Jame Doe", norm: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "Alice Sminh", room: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "Jame Doe" checkinDate: 1 checkinDate: 2 checkinDate: 2 checkinDate: 2 checkinDate: 2 checkinDate: 2 checkinDate: 2 checkinDate: 3 checkinDate: 3 checkinDate: 2 checkinDate: 4 checkinDate: 4 checkinDate: 5 checkOutDate: 2 checkinDate: 5 checkinDate: 1 checki	Reservation check with signed-day stay details Reservation check with single-day stay details Reservation check with single-day stay details Reservation check with single-day stay details Reservation check with check-in and check-out on the same date 1.	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Dos" "Jane Dos" "Jane Dos" 2 2 2 5 5 2 Room object with name "Room-1" and price 1299.0 Room object with name "Room-2" and price 1299.0 Reson (0" 1 299.0 1 299.0	PIND P
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etGuestName etCheckinDate etCheckOutDate etRoom etTotalPrice etCostPerNight etitd etitd etitdscountCode etTotalPrice	2 Crea 3 Crea 3 Crea 3 Crea 3 Crea 3 Crea 5 Crea	Test Description afte a reservation with valid details afte a reservation with a single-day stay, after a reservation with a single-day stay, after a reservation with a single-day stay, after a reservation with same check-in an ad-heck-out, freeze the guest name from the reservation. Inverse the check-in-date from the reservation. Inverse the check-in-date from the reservation. Inverse the check-out date from another reservation. Inverse the check-out date from the reservation. Inverse the check-out date from the reservation. Inverse the condex-dot date from the reservation. Inverse the condex-date from the reservation. Inverse the condex-date from the reservation. Inverse the condex-date from the reservation. Inverse the cost per right from the reservation. Inverse the cost per right from another reservation. Inverse the cost per rig	puesName: "John Doe", norn: Room("Room-2", 1299.0), checkinhate: 1, checkOulDate: 5 puesName: "Ann Doe", norn: Room("Room-2", 1299.0), checkinhate: 1, checkOulDate: 1 puesName: "Ann Doe", norn: Room("Room-3", 1299.0), checkinhate: 2, checkOulDate: 2 quesName: "Ann Doe" checkinhate: 1 checkinhate: 1 checkinhate: 2 checkOulDate: 2 checkOulDate: 2 checkOulDate: 5 checkOulDate: 5 checkOulDate: 5 checkOulDate: 5 checkOulDate: 5 checkOulDate: 1 checkinhate: 1, checkOulDate: 1, costPenNight: 1299.0 checkinhate: 1, checkOulDate: 2, costPenNight: 1299.0 checkinhate: 2, checkOulDate: 2, costPenNight: 1299.0 checkinhate: 3, checkOulDate: 4, costPenNight: 1299.0 checkinhate: 5, checkOulDate: 4, costPenNight: 1299.0 checkinhate: 6, checkOulDate: 4, cost price: 1000.00 checkinhate: 6, checkOulDate: 4, cost price: 1000.00 checkinhate: 6, checkOulDate: 4, cost price: 1000.00, discountCode: "T_WORK_HERE" checkinhate: 6, checkOulDate: 4, cost price: 1000.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, cost price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 8, cost price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, cost price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, cost price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, cost price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, cost price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, cost price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, cost price: 500.00, discountCode: "TWORK_HERE"	Reservation object with open details Reservation object with single-day stay details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe" "Jane Doe" "Jane Doe" "Jane Doe" "Jane Doe" "Jane Doe" "Reservation object with name "Room-1" and price 1299 0 Room object with name "Room-2" and price 1299 0 Reservation object with name "Room-2" and price 1299 0 Reservation of 1299 0 1299 0 (1 *1299 0 + 1299 0) 1299 0 (1 *1299 0 + 1299 0) 1299 1499 Returns the Discount Code set by the user Returns the Discount Code set by the user Returns the Gedault Discount Code *NA** 1000.00 (row night) 3000.01 (row Room Code of the Set of	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe" "Jame Doe" 1 2 5 6 Room object with name "Room-1" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-1" and price 1299 0 Resorror o	PIND P
etfCustName etfCheckinDate etfCheckOutDate etfTotalPrice etfCostPerNight etfCostPerNight etfCostPerNight etfCostPerNight etfCostPerNight	2 Crea 3 Crea 3 Crea 3 Crea 4 Calo 4 Calo 5 Calo 6	Test Description afte a reservation with valid details afte a reservation with a single-dey stay. afte a reservation with a single-dey stay after a reservation with same check-in and check-out. **rever the quest rame from the reservation. **rever the quest reservation. **rever the check-ind after from the reservation. **rever the check-ind after from the reservation. **rever the check-out date from another reservation. **rever the check-out date from the reservation. **rever the check-out date from the reservation. **rever the check-out date from the reservation. **rever the room details from the reservation. **rever the room details from the reservation. **rever the room details from the reservation. **outset total price for single-day reservation. **outset total price from same check-out. **rever the cost per right from the reserved room. **rever the cost per right from the reserved room. **rever the outset price from the reservation. **rever the outset from the reservation. **rever the outset from the outset from the outset from the reverse from the decident of the reverse from the decident outset. **Total Price with Discount (FXPA_CETT) **reverse from the outset from the	Sample Input Date guestName: "John Doe", norm: Room("Room-1", 1299.0), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", norm: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "Alice Smith", room: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "Jane Doe" checkInDate: 2 checkInDate: 3 checkInDate: 3 checkInDate: 2 checkInDate: 3 checkInDate: 3 checkInDate: 3 checkInDate: 4 checkInDate: 4 checkInDate: 5 checkInDate: 5 checkInDate: 5 checkInDate: 1 checkIn	Reservation check with single-day stay details Reservation check with check-in and check-out on the same date 1.	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Dos" "Jane Dos Jane	PIND P
etGuestName etCheckinDate etCheckOutDate etRoom etTotalPrice etCostPerNight etitd etitd etitdscountCode etTotalPrice	2 Crea 3 Crea 3 Crea 3 Crea 4 Calo 4 Calo 5 Calo 6	Test Description afte a reservation with valid details afte a reservation with a single-dey stay. afte a reservation with a single-dey stay after a reservation with same check-in and check-out. **rever the quest rame from the reservation. **rever the quest reservation. **rever the check-ind after from the reservation. **rever the check-ind after from the reservation. **rever the check-out date from another reservation. **rever the check-out date from the reservation. **rever the check-out date from the reservation. **rever the check-out date from the reservation. **rever the room details from the reservation. **rever the room details from the reservation. **rever the room details from the reservation. **outset total price for single-day reservation. **outset total price from same check-out. **rever the cost per right from the reserved room. **rever the cost per right from the reserved room. **rever the outset price from the reservation. **rever the outset from the reservation. **rever the outset from the outset from the outset from the reverse from the decident of the reverse from the decident outset. **Total Price with Discount (FXPA_CETT) **reverse from the outset from the	puesName: "John Doe", norm Room ("Room-2", 1299.0), checkinhate: 1, checkOulDate: 5 puesName: "Ann Doe", norm Room ("Room-2", 1299.0), checkinhate: 1, checkOulDate: 1 puesName: "Ann Doe", norm Room ("Room-3", 1299.0), checkinhate: 2, checkOulDate: 2 quesName: "Ann Doe" checkinhate: 1 checkinhate: 1 checkinhate: 2 checkOulDate: 2 checkOulDate: 2 checkOulDate: 5 checkOulDate: 5 checkOulDate: 5 checkOulDate: 5 checkOulDate: 5 checkOulDate: 1 checkinhate: 1, checkOulDate: 1, costPenNight: 1299.0 checkinhate: 1, checkOulDate: 2, costPenNight: 1299.0 checkinhate: 2, checkOulDate: 2, costPenNight: 1299.0 checkinhate: 3, checkOulDate: 4, costPenNight: 1299.0 checkinhate: 5, checkOulDate: 4, costPenNight: 1299.0 checkinhate: 6, checkOulDate: 4, cost price: 1000.00 checkinhate: 6, checkOulDate: 4, cost price: 1000.00 checkinhate: 6, checkOulDate: 4, cost price: 1000.00 checkinhate: 6, checkOulDate: 4, cost price: 1000.00, discountCode: "T_WORK_HERE" checkinhate: 6, checkOulDate: 4, cost price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 8, cost price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, cost price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, cost price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, cost price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, cost price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, cost price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, cost price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, cost price: 500.00, discountCode: "TWORK_HERE"	Reservation object with open details Reservation object with single-day stay details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe" "Jane Doe" "Jane Doe" "Jane Doe" "Jane Doe" "Jane Doe" "Reservation object with name "Room-1" and price 1299 0 Room object with name "Room-2" and price 1299 0 Reservation object with name "Room-2" and price 1299 0 Reservation of 1299 0 1299 0 (1 *1299 0 + 1299 0) 1299 0 (1 *1299 0 + 1299 0) 1299 1499 Returns the Discount Code set by the user Returns the Discount Code set by the user Returns the Gedault Discount Code *NA** 1000.00 (row night) 3000.01 (row Room Code of the Set of	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Doe" "Jame Doe" 1 2 5 6 Room object with name "Room-1" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-2" and price 1299 0 Resorror object with name "Room-1" and price 1299 0 Resorror o	P/R/R/P P P P P P P P P P P P P P P P P
etfCustName etfCheckinDate etfCheckOutDate etfTotalPrice etfCostPerNight etfCostPerNight etfCostPerNight etfCostPerNight etfCostPerNight	2 Crea 3 Crea 3 Crea 3 Crea 4 Calo 4 Calo 5 Calo 6	Test Description afte a reservation with valid details afte a reservation with a single-dey stay. afte a reservation with a single-dey stay after a reservation with same check-in and check-out. **rever the quest rame from the reservation. **rever the quest reservation. **rever the check-ind after from the reservation. **rever the check-ind after from the reservation. **rever the check-out date from another reservation. **rever the check-out date from the reservation. **rever the check-out date from the reservation. **rever the check-out date from the reservation. **rever the room details from the reservation. **rever the room details from the reservation. **rever the room details from the reservation. **outset total price for single-day reservation. **outset total price from same check-out. **rever the cost per right from the reserved room. **rever the cost per right from the reserved room. **rever the outset price from the reservation. **rever the outset from the reservation. **rever the outset from the outset from the outset from the reverse from the decident of the reverse from the decident outset. **Total Price with Discount (FXPA_CETT) **reverse from the outset from the	Sample Input Date guestName: "John Doe", norm: Room("Room-1", 1299.0), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", norm: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "Alice Smith", room: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "Jane Doe" checkInDate: 2 checkInDate: 3 checkInDate: 3 checkInDate: 2 checkInDate: 3 checkInDate: 3 checkInDate: 3 checkInDate: 4 checkInDate: 4 checkInDate: 5 checkInDate: 5 checkInDate: 5 checkInDate: 1 checkIn	Reservation check with single-day stay details Reservation check with check-in and check-out on the same date 1.	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Dos" "Jane Dos Jane	P/ P P P P P P P P P P P P P P P P P P
etGuestName etCheckinDate etCheckOutDate etRoom etTotalPrice etCostPerNight etitd etitd etitdscountCode etTotalPrice	2 Crea 3 Crea 3 Crea 3 Crea 4 Calo 4 Calo 5 Calo 6	Test Description afte a reservation with valid details afte a reservation with a single-dey stay. afte a reservation with a single-dey stay after a reservation with same check-in and check-out. **rever the quest rame from the reservation. **rever the quest reservation. **rever the check-ind after from the reservation. **rever the check-ind after from the reservation. **rever the check-out date from another reservation. **rever the check-out date from the reservation. **rever the check-out date from the reservation. **rever the check-out date from the reservation. **rever the room details from the reservation. **rever the room details from the reservation. **rever the room details from the reservation. **outset total price for single-day reservation. **outset total price from same check-out. **rever the cost per right from the reserved room. **rever the cost per right from the reserved room. **rever the outset price from the reservation. **rever the outset from the reservation. **rever the outset from the outset from the outset from the reverse from the decident of the reverse from the decident outset. **Total Price with Discount (FXPA_CETT) **reverse from the outset from the	Sample Input Date guestName: "John Doe", norm: Room("Room-1", 1299.0), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", norm: Room("Room-2", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "Alice Smith", room: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "Jane Doe" checkInDate: 2 checkInDate: 3 checkInDate: 3 checkInDate: 2 checkInDate: 3 checkInDate: 3 checkInDate: 3 checkInDate: 4 checkInDate: 4 checkInDate: 5 checkInDate: 5 checkInDate: 5 checkInDate: 1 checkIn	Reservation check with single-day stay details Reservation check with check-in and check-out on the same date 1.	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Dos" "Jane Dos Jane	P P P P P P P P P P P P P
etGuestName etGues	2 Crea 3 Crea 3 Crea 3 Crea 4 Calo 4 Calo 5 Calo 6	Test Description afte a reservation with valid details afte a reservation with a single-dey stay. afte a reservation with a single-dey stay after a reservation with same check-in and check-out. **rever the quest rame from the reservation. **rever the quest reservation. **rever the check-ind after from the reservation. **rever the check-ind after from the reservation. **rever the check-out date from another reservation. **rever the check-out date from the reservation. **rever the check-out date from the reservation. **rever the check-out date from the reservation. **rever the room details from the reservation. **rever the room details from the reservation. **rever the room details from the reservation. **outset total price for single-day reservation. **outset total price from same check-out. **rever the cost per right from the reserved room. **rever the cost per right from the reserved room. **rever the outset price from the reservation. **rever the outset from the reservation. **rever the outset from the outset from the outset from the reverse from the decident of the reverse from the decident outset. **Total Price with Discount (FXPA_CETT) **reverse from the outset from the	puesName: "John Doe", norn: Room("Room-2", 1298.0), checkinhate: 1, checkOulDate: 5 puesName: "Alse Doe", norn: Room("Room-2", 1298.0), checkinhate: 1, checkOulDate: 1 puesName: "Alse Doe", norn: Room("Room-3", 1298.0), checkinhate: 1, checkOulDate: 2 quesName: "Alse Doe", norn: Room("Room-3", 1298.0), checkinhate: 2, checkOulDate: 2 quesName: "Alse Doe" checkinhate: 1 checkinhate: 2 checkOulDate: 3 checkOulDate: 3 checkOulDate: 3 checkOulDate: 3 checkOulDate: 1, casPerNight: 1299.0 checkinhate: 1, checkOulDate: 2, cosPerNight: 1299.0 checkinhate: 1, checkOulDate: 2, cosPerNight: 1299.0 checkinhate: 2, checkOulDate: 2, cosPerNight: 1299.0 checkinhate: 3, checkOulDate: 4, cosPerNight: 1299.0 checkinhate: 6, checkOulDate: 4, comp price = 1000.00 checkinhate: 6, checkOulDate: 4, comp price = 1000.00 checkinhate: 6, checkOulDate: 4, comp price = 1000.00 checkinhate: 6, checkOulDate: 4, comp price = 1000.00, discountCode: "T,WORK_HERE" checkinhate: 6, checkOulDate: 4, comp price = 1000.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, comp price = 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, room price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, room price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, room price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, room price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, room price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 4, room price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 8, room price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 8, room price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 8, room price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 8, room price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 8, room pric	Reservation check with single-day stay details Reservation check with check-in and check-out on the same date 1.	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date "John Dos" "Jane Dos Jane	P P P P P P P P P P P P P
etGuestName etGuestName etChecknDate etCheckOutDate etRoom etTotalPrice etCostPerNight etId etId etIdscountCode etTotalPrice	2 Crea 3 Crea 3 Crea 3 Crea 4 Calo 4 Calo 5 Calo 6	Test Description afte a reservation with valid details afte a reservation with a single-dey stay. afte a reservation with as end, etc., which are stay and the st	Sample Input Date guestName: "John Doe", room: Room("Room-1", 1299.0), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", room: Room("Room-3", 1299.0), checkinDate: 1, checkOutDate: 1 guestName: "Alice Smith", room: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "Jane Doe" checkInDate: 1 checkInDate: 2 checkOutDate: 3 checkOutDate: 3 checkOutDate: 4 checkOutDate: 4 checkOutDate: 4 checkOutDate: 4 checkOutDate: 5 checkOutDate: 5 checkOutDate: 5 checkOutDate: 5 checkOutDate: 6 checkOutDate: 6 checkOutDate: 6 checkOutDate: 6 checkOutDate: 7 checkOutDate: 7 checkOutDate: 8 check	Reservation object with grive details Reservation object with check-in and check-out on the same date **John Doe" *Jane Doe" *Jane Doe" *Jane Doe" *Jane Doe" *Jane Doe' *Jane Doe'	Reservation object with given details Reservation object with expect with single-day stay details Reservation object with check-in and check-out on the same date "John Dos" "Jane Dos Jane Jane Jane Jane Jane Jane Jane Jane	P P P P P P P P P P P P P
etGuestName etCheckinDate etCheckOutDate etRoom etTotalPrice etCostPerNight etitd etitd etitdscountCode etTotalPrice	2 Create	Test Description afte a reservation with valid details afte a reservation with a single-day stay, after a reservation with a single-day stay, after a reservation with same check-in an ad-heck-out, freeze the guest name from the reservation. freeze the guest name from the reservation. freeze the check-ind date from the reservation. freeze the check-out date from another reservation. freeze the check-out date from another reservation. freeze the check-out date from the reservation. freeze the check-out date from the reservation. freeze the commodities from the reservation. freeze the condition from the reservation. freeze the condition from the reservation. custe total price for insigh-day reservation. custe total price for insigh-day reservation. freeze the cost per right from the reservation. freeze the cost per right from another reserva	puesName: "John Doe", norn: Room("Room-2", 1298 0), checkinflate: 1, checkOulflate: 5 puesName: "Aira Doe", norn: Room("Room-2", 1298 0), checkinflate: 1, checkOulflate: 1 guesName: "Aira Doe", norn: Room("Room-3", 1298 0), checkinflate: 1, checkOulflate: 1 guesName: "Aira Doe" checkinflate: 1 checkinflate: 2 checkOulflate: 2 checkOulflate: 2 checkOulflate: 2 checkOulflate: 3 checkOulflate: 1 checkOulflate: 3 checkOulflate: 4 checkOulflate: 3 checkOulflate: 4 checkOulflate: 4 checkOulflate: 4 checkOulflate: 4 checkOulflate: 5 c	Reservation object with opine details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date 'John Doe' 'Jane Doe' 'Jan	Reservation object with given details Reservation object with check-in and check-out on the same date -1-bin 1Deor -1-lane 1Deor	P P P P P P P P P P P P P
etGuestName etGuestName etChecknDate etCheckOutDate etRoom etTotalPrice etCostPerNight etId etId etIdscountCode etTotalPrice	2 Create	Test Description ate a reservation with valid details afe a reservation with a single day stay. ate a reservation with as insigned day stay. ate a reservation with same check-in and check-out. review the guest name from the reservation. review the guest name from a different reservation. review the check-in date from the reservation. review the check-ind talle from the reservation. review the check-out date from the reservation. review the check-out date from the reservation. review the check-out date from the reservation. review the crown of the size of the control of	Sample Input Date guestName: "John Doe", room: Room("Room-1", 1298 0), checkinhate: 1, checkOutDate: 5 guestName: "Jane Doe", room: Room("Room-3", 1298 0), checkinhate: 1, checkOutDate: 1 guestName: "Alno Smith", room: Room("Room-3", 1299,0), checkinhate: 2, checkOutDate: 2 guestName: "Jane Doe" checkinhate: 1 checkinhate: 1 checkinhate: 2 checkOutDate: 3 checkOutDate: 3 checkOutDate: 4 checkOutDate: 4 checkOutDate: 4 checkOutDate: 4 checkOutDate: 5 checkOutDate: 5 checkOutDate: 5 checkOutDate: 5 checkOutDate: 6 checkOutDate: 6 checkOutDate: 6 checkOutDate: 7 checkOutDate: 7 checkOutDate: 8 checkOu	Reservation object with grief or statists Reservation object with check-in and check-out on the same date **John Doe" *Jane Doe Jane Doe Ja	Reservation object with given details Reservation object with expect with supple day stay details Reservation object with check-in and check-out on the same date "Jahn Doe" "Jane Doe" 1 2 5 5 7 Room object with name "Room-1" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room price for the redichable (consider using room_gelPriceOnDate()) Sum of room prices for days 5, 6, and 7 (using room_gelPriceOnDate()) Sum of modified room prices Actual Output CREATED Room object with name "Ocean New", price 120.00 (Deluxe modifier), and room*type "Deluxe" CREATED Room object with name "Ocean New", price 120.00 (Deluxe modifier), and room*type "Deluxe" CREATED Room object with name "Ocean New", price 120.00 (Deluxe modifier), and room*type "Deluxe"	P P P P P P P P
etGuestName etGue	2 Create	Test Description afte a reservation with valid details afte a reservation with a single details afte a reservation with a single deby stay, after a reservation with a single deby stay, after a single stay a	puesName: "John Doe", norn: Room("Room-2", 1298.0), checkinhate: 1, checkOulDate: 5 puesName: "Aloe Brain", norn: Room("Room-2", 1298.0), checkinhate: 1, checkOulDate: 5 puesName: "Aloe Smith", norn: Room("Room-3", 1299.0), checkinhate: 1, checkOulDate: 2 quesName: "Aloe Smith", norn: Room("Room-3", 1299.0), checkinhate: 2, checkOulDate: 2 quesName: "Aloe Doe" checkinhate: 1 checkinhate: 2 checkOulDate: 2 checkOulDate: 2 checkOulDate: 2 checkOulDate: 2 checkOulDate: 3 checkOulDate: 3 checkOulDate: 3 checkOulDate: 3 checkOulDate: 3 checkOulDate: 1, casPenNight: 1299.0 checkinhate: 1, checkOulDate: 2, cosPenNight: 1299.0 checkinhate: 3, checkOulDate: 40, norn price = 1000.00 checkinhate: 6, checkOulDate: 40, norn price = 1000.00 checkinhate: 6, checkOulDate: 40, norn price = 1000.00 checkinhate: 6, checkOulDate: 40, norn price = 1000.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 40, norn price = 1000.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 40, norn price = 1000.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 40, norn price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 40, norn price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 40, norn price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 40, norn price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, noekOulDate: 40, norn price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, noekOulDate: 40, norn price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, noekOulDate: 40, norn price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, norn price: 50	Reservation object with opine details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date 1.2	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date -1-bin 1-ber -1-lane	P P P P P P P P P P P P P
etGuestName etGue	2 Create	Test Description afte a reservation with a single-day stay. afte a reservation with a single-day stay. afte a reservation with as single-day stay. afte a reservation with same check-in and check-out. rivere the guest name from the reservation. rivere the guest name from a different reservation. rivere the check-ind safe from the reservation. rivere the check-out date from a prosper servation. rivere the check-out date from the reservation. rivere the check-out date from the reservation. rivere the crown details from another reservation. rivere the room details from the reservation. rivere the room details from the reservation. cutate total price for single-day reservation. cutate total price for single-day reservation. cutate total price for single-day reservation. rivere the cost per night from the reservation outset total price from same check-out. rivere the cost per night from the reservation. rivere the 10 of the reservation. Trial Price (Policount) Total Price (Policount) Total Price (Mulple Nights) Total Price (Mulple Nights) Total Price (Mulple Nights) Total Price (White Decount (LWORK_HERE) Total Price with Discount (PAYDAY) custed Raw Total Price (Gingle Nights) custed Total Price with Discount (FAYDAY) custed Total Price with Discount (STAY_GET1)	Sample Input Date guestName: "John Dos", room: Room("Room-1", 1290.0), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", room: Room("Room-2", 1290.0), checkinDate: 1, checkOutDate: 1 guestName: "Alno Smith", room: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "Jane Doe" checkinDate: 1 checkinDate: 2 checkOutDate: 3 checkOutDate: 4 checkInDate: 4 checkInDate: 5 checkOutDate: 8 checkOutDate: 8 checkOutDate: 9 checkInDate: 6 checkOutDate: 9 checkInDate: 1 checkInDate: 1 checkInDate: 1 checkInDate: 1 checkInDate: 6 checkInDate: 1 checkInDate: 6 checkInDate: 6 checkInDate: 6 checkInDate: 6 checkInDate: 7 checkInDate: 7 checkInDate: 7 checkInDate: 8 checkOutDate: 8 checkInDate: 8 checkOutDate: 8 checkInDate: 8 checkOutDate: 8 checkInDate: 9 checkInDate:	Reservation object with grower details Reservation object with deck-in and check-out on the same date **John Doe" **Jane Doe **Ja	Reservation object with given details Reservation object with expect with sugged stay stept stells Reservation object with check-in and check-out on the same date "John Dos" "Jane Dos Jane Jane "Recent-1" and price 1299 0 Room object with name "Recent-2" and price 1299 0 Room object with name "Recent-2" and price 1299 0 Room object with name "Recent-2" and price 1299 0 Room object with name "Recent-2" and price 1299 0 Room object with name "Recent-2" and price 1299 0 Room object with name "Recent-2" and price 1299 0 Room object with name "Recent-2" and price 1299 0 Room object with name "Recent-2" and price 1299 0 Room price for treak-inbale (consider using room getPriceOnDate()) Sum of room prices for days 5, 6, and 7 (using room getPriceOnDate()) Sum of modified room prices **Actual Output CREATED Room object with name "Ocean View", price 120.00 (Deluxe modifier), and roomType "Deluxe" impossible Case Impossible Case	P P P P P P P P
etGuestName etGue	2 Create	Test Description afte a reservation with a single-day stay. afte a reservation with a single-day stay. afte a reservation with as single-day stay. afte a reservation with same check-in and check-out. rivere the guest name from the reservation. rivere the guest name from a different reservation. rivere the check-ind safe from the reservation. rivere the check-out date from a prosper servation. rivere the check-out date from the reservation. rivere the check-out date from the reservation. rivere the crown details from another reservation. rivere the room details from the reservation. rivere the room details from the reservation. cutate total price for single-day reservation. cutate total price for single-day reservation. cutate total price for single-day reservation. rivere the cost per night from the reservation outset total price from same check-out. rivere the cost per night from the reservation. rivere the 10 of the reservation. Trial Price (Policount) Total Price (Policount) Total Price (Mulple Nights) Total Price (Mulple Nights) Total Price (Mulple Nights) Total Price (White Decount (LWORK_HERE) Total Price with Discount (PAYDAY) custed Raw Total Price (Gingle Nights) custed Total Price with Discount (FAYDAY) custed Total Price with Discount (STAY_GET1)	puesName: "John Doe", norn: Room("Room-2", 1298.0), checkinhate: 1, checkOulDate: 5 puesName: "Aloe Brain", norn: Room("Room-2", 1298.0), checkinhate: 1, checkOulDate: 5 puesName: "Aloe Smith", norn: Room("Room-3", 1299.0), checkinhate: 1, checkOulDate: 2 quesName: "Aloe Smith", norn: Room("Room-3", 1299.0), checkinhate: 2, checkOulDate: 2 quesName: "Aloe Doe" checkinhate: 1 checkinhate: 2 checkOulDate: 2 checkOulDate: 2 checkOulDate: 2 checkOulDate: 2 checkOulDate: 3 checkOulDate: 3 checkOulDate: 3 checkOulDate: 3 checkOulDate: 3 checkOulDate: 1, casPenNight: 1299.0 checkinhate: 1, checkOulDate: 2, cosPenNight: 1299.0 checkinhate: 3, checkOulDate: 40, norn price = 1000.00 checkinhate: 6, checkOulDate: 40, norn price = 1000.00 checkinhate: 6, checkOulDate: 40, norn price = 1000.00 checkinhate: 6, checkOulDate: 40, norn price = 1000.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 40, norn price = 1000.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 40, norn price = 1000.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 40, norn price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 40, norn price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 40, norn price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, checkOulDate: 40, norn price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, noekOulDate: 40, norn price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, noekOulDate: 40, norn price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, noekOulDate: 40, norn price: 500.00, discountCode: "TWORK_HERE" checkinhate: 6, norn price: 50	Reservation object with grower details Reservation object with deck-in and check-out on the same date **John Doe" **Jane Doe **Ja	Reservation object with given details Reservation object with expect with sugged stay stept stells Reservation object with check-in and check-out on the same date "John Dos" "Jane Dos Jane Jane "Recent-1" and price 1299 0 Room object with name "Recent-2" and price 1299 0 Room object with name "Recent-2" and price 1299 0 Room object with name "Recent-2" and price 1299 0 Room object with name "Recent-2" and price 1299 0 Room object with name "Recent-2" and price 1299 0 Room object with name "Recent-2" and price 1299 0 Room object with name "Recent-2" and price 1299 0 Room object with name "Recent-2" and price 1299 0 Room price for treak-inbale (consider using room getPriceOnDate()) Sum of room prices for days 5, 6, and 7 (using room getPriceOnDate()) Sum of modified room prices **Actual Output CREATED Room object with name "Ocean View", price 120.00 (Deluxe modifier), and roomType "Deluxe" impossible Case Impossible Case	Pi
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etGuestName etCheckinDate etCheckOutDate etCheckOutDate etRoom etTotalPrice etCostPerNight ettl ettl dettl dettl ettl stountCode etTotalPrice islaulateTotalPrice Method Mothod Mo	2 Cream	Test Description afte a reservation with a single-day stay. after a reservation with same check-in and check-out. river the guest name from the reservation. river the guest name from a different reservation. river the check-ind safe from the reservation. river the check-out date from another reservation. river the check-out date from the reservation. river the room details from the reservation. river the room details from the reservation. cutate total price for single-day reservation. river the room details from another reservation. cutate total price for single-day reservation. river the room of the single reservation. river the room of the reservation of the reservation of the reservation. Triver the room of the reservation of the reservation of the reservation of the reservation. Triver the room of the reservation of the reserv	Sample Input Date guestName: "John Dos", room: Room("Room-1", 1290.0), checkinDate: 1, checkOutDate: 5 guestName: "Jane Doe", room: Room("Room-2", 1290.0), checkinDate: 1, checkOutDate: 1 guestName: "Alno Smith", room: Room("Room-3", 1299.0), checkinDate: 2, checkOutDate: 2 guestName: "Jane Doe" checkinDate: 1 checkinDate: 2 checkOutDate: 3 checkOutDate: 4 checkInDate: 4 checkInDate: 4 checkInDate: 5 checkOutDate: 8 checkOutDate: 8 checkOutDate: 8 checkOutDate: 8 checkOutDate: 9 checkInDate: 9 checkInDate: 9 checkInDate: 1 checkInDate: 2 checkUnDate: 2 checkInDate: 3 checkUnDate: 3 checkUnDate: 3 checkUnDate: 4 checkInDate: 5 checkUnDate: 5 chec	Reservation object with grower details Reservation object with deck-in and check-out on the same date **John Dec** *Jane	Reservation object with given details Reservation object with single-day stay details Reservation object with engle-day stay details Reservation object with check-in and check-out on the same date "Jam Doe" "Jam Doe" "Jam Doe" 12 2 5 2 Room object with name "Room-1" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room price for tracking the control of the Na" 1000.00 (rice right) 1000.00 (rice right) 1000.00 (rice right) 1000.00 (rice right fee or 5-right stay) 1850.00 (7% discount) on 15(b) Sum of room prices for days 6, 6, and 7 (using room-gelPriceOnDate(i)) Sum of modified room prices Actual Output CREATED Room object with name "Ocean View", price 100.00 (Deluxe modifier), and room*7ype "Deluxe" impossible Case Room object with name "Ocean View", price 100.00 (Standard price), and room*7ype "Standard" New Room object with name "Ocean View", price 100.00 (Standard price), and room*7ype "Standard" New Room object with name "Ocean View", price 100.00 (Standard price), and room*7ype "Standard"	Pi
etGuestName etCheckinDate etCheckOutDate etCheckOutDate etRoom etTotalPrice etGostPerNight etid etHosounCode etTotalPrice etTotalPrice Method oom Method oom (with Room parameter)	2 Cree 3	Test Description afte a reservation with valid details afte a reservation with a single details afte a reservation with a single deby stay, after a reservation with a single deby stay, after a reservation with same check-in and check-out, after the guest name from the reservation. Tree the guest name from the reservation. Tree the deb-deby dide from another reservation. Tree the deb-deby dide from another reservation. Tree the check-out dide from the reservation. Tree the check-out dide from the reservation. Tree the condition of the thing the reservation. Tree the proof details from the reservation. Tree the condition of the thing the reservation. Tree the condition of the thing the reservation. Tree the condition of the thing the reservation. Tree the total price for single-day reservation. Tree the total price for single-day reservation. Tree the total price for the thing the reservation. Tree the total price for the thing the reservation. Tree the total price for the reservation of the thing the reservation. Tree the total price with the another reservation. Total Price (Multiple Nights) Total Price with Discount (TAVA) Total Price with Discount (TAVA	puesName: "John Doe", room: Room", Toom.", 1298.0), checkinhate: 1, checkOulDate: 5 puesName: "John Doe", room: Room", Toom.", 1298.0), checkinhate: 1, checkOulDate: 1 puesName: "John Doe", room: Room", Toom.", 1298.0), checkinhate: 1, checkOulDate: 2 guesName: "John Doe" guesName: "John Doe guesName:	Reservation object with grower details Reservation object with check-in and check-out on the same date 'John Dos" 'Jane Dos Jane Dos	Reservation object with given details Reservation object with single-day stay details Reservation object with check-in and check-out on the same date - John Doer - Jane Doer	P
etGuestName etCheckinDate etCheckinDate etCheckOutDate etRoom etTotalPrice etGostPerNight etId etId etId etId etId etId etIdaeTotalPrice Method Method Loom (with Room parameter) etName	2 Cream Control of the Control of th	Test Description afte a reservation with a single-day stay. after a reservation with same check-in and check-out. Invere the guest name from the reservation. Invere the check-in date from the reservation. Invere the check-ind tale from the reservation. Invere the check-out date from the reservation. Invere the check-out date from the reservation. Invere the check-out date from the reservation. Invere the common state from the reservation. Invert the count of the single day reservation. Invert the count of the single day reservation. Invert the count of the single-day reservation. Invert the date of the single-day reservation. Invert the discount of the single-day reservation. Invert the discount of the single-day reservation. Invert the discount of the default discount of the single-day reservation. Invert the discount of the default discount of the single-day reservation. Invert the discount of the single-day reservation. Invert the date of the single-day reser	Sample Input Date guestName: "John Dos", room: Room("Room-2", 1299.0), checkinDate: 1, checkOulDate: 5 guestName: "Jane Dos", room: Room("Room-2", 1299.0), checkinDate: 1, checkOulDate: 1 guestName: "Allec Smith", room: Room("Room-3", 1299.0), checkinDate: 2, checkOulDate: 2 guestName: "Jane Dos" checkinDate: 1 checkinDate: 1 checkinDate: 2 checkOulDate: 3 checkOulDate: 1, checkOulDate: 2, costPerNight: 1299.0 checkinDate: 1, checkOulDate: 2, costPerNight: 1299.0 checkinDate: 3, checkOulDate: 2, costPerNight: 1299.0 room: Room("Room-1", 1299.0) room: Room("Room-2", 1499.0) checkinDate: 3, checkOulDate: 4, room price = 1000.00 checkinDate: 5, checkOulDate: 4, room price = 1000.00 checkinDate: 5, checkOulDate: 4, room price = 1000.00, discountCode: "T_WORK_HERE: checkinDate: 5, checkOulDate: 9, room price = 1000.00, discountCode: "STAY4_GET1" checkinDate: 5, checkOulDate: 8, room price = 1000.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 6, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, check	Reservation object with growen details Reservation object with check-in and check-out on the same date **John Dea" **Jane Dea" **Jan	Reservation object with given details Reservation object with single-day stay details Reservation object with engle-day stay details Reservation object with check-in and check-out on the same date "Jahn Doe" "Jane Doe" 1 2 5 5 2 Room object with name "Room-1" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room price for checkholdse (consider using room gelPriceOnDate()) Room price for checkholdse (consider using room gelPriceOnDate()) Sum of room prices for days 5, 6, and 7 (using room gelPriceOnDate()) Sum of modified room prices Actual Output CREATED Room object with name "Ocean View", price 120.00 (Deluxe modifier), and roomType "Deluxe" impossible Case Room object with name "Ocean View", price 120.00 (Ostandard price), and roomType "Standard" New Room object with name "Ocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Pocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Pocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Pocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Pocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Pocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Pocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Pocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Pocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Poce	P P P P P P P P
pelCuesiName pelCheckinDate pelCheckinDate pelCheckinDate pelTotalPrice pelTotalPrice pelCostPerNight peld peld peld peld peld peld peld peld	2 Cree 1 2 2 2 2 2 2 2 2 2	Test Description afte a reservation with valid details afte a reservation with a single details afte a reservation with a single deby stay, after a reservation with a single deby stay, after a reservation with same check-in and check-out, after the guest name from the reservation. Tree the guest name from deferrent reservation. Tree the deb-deb, date from the reservation. Tree the deb-deb, date from the reservation. Tree the check-out date from the reservation. Tree the check-out date from the reservation. Tree the condition of the from the reservation. Tree the total price for ingle-day reservation. Tree the total price for ingle-day reservation. Tree the total price for ingle-day reservation. Tree the total price for the from the from the reservation. Tree the total price from the f	puesName: "John Doe", room: Room("Room-2", 1298.0), checkinhate: 1, checkOulDate: 5 puesName: "John Doe", room: Room("Room-2", 1298.0), checkinhate: 1, checkOulDate: 1 puesName: "John Doe", room: Room("Room-3", 1299.0), checkinhate: 2, checkOulDate: 2 guesName: "John Doe" guesName: "John Doe guesName	Reservation object with check-in and check-out on the same date 1. Aborn Doe" **Jane Doe Doe Doe Doe Doe Doe Doe Doe Doe Do	Reservation object with given details Reservation object with single-day stey details Reservation object with check-in and check-out on the same date	P
et/CuestName et/CheckinDate et/CheckinDate et/CheckOutDate et/CostPerNight et/	2 Cree 1 2 2 2 2 2 2 2 2 2	Test Description afte a reservation with valid details afte a reservation with a single details afte a reservation with a single deby stay, after a reservation with a single deby stay, after a reservation with same check-in and check-out, after the guest name from the reservation. Tree the guest name from deferrent reservation. Tree the deb-deb, date from the reservation. Tree the deb-deb, date from the reservation. Tree the check-out date from the reservation. Tree the check-out date from the reservation. Tree the condition of the from the reservation. Tree the total price for ingle-day reservation. Tree the total price for ingle-day reservation. Tree the total price for ingle-day reservation. Tree the total price for the from the from the reservation. Tree the total price from the f	Sample Input Date guestName: "John Dos", room: Room("Room-2", 1299.0), checkinDate: 1, checkOulDate: 5 guestName: "Jane Dos", room: Room("Room-2", 1299.0), checkinDate: 1, checkOulDate: 1 guestName: "Allec Smith", room: Room("Room-3", 1299.0), checkinDate: 2, checkOulDate: 2 guestName: "Jane Dos" checkinDate: 1 checkinDate: 1 checkinDate: 2 checkOulDate: 3 checkOulDate: 1, checkOulDate: 2, costPerNight: 1299.0 checkinDate: 1, checkOulDate: 2, costPerNight: 1299.0 checkinDate: 3, checkOulDate: 2, costPerNight: 1299.0 room: Room("Room-1", 1299.0) room: Room("Room-2", 1499.0) checkinDate: 3, checkOulDate: 4, room price = 1000.00 checkinDate: 5, checkOulDate: 4, room price = 1000.00 checkinDate: 5, checkOulDate: 4, room price = 1000.00, discountCode: "T_WORK_HERE: checkinDate: 5, checkOulDate: 9, room price = 1000.00, discountCode: "STAY4_GET1" checkinDate: 5, checkOulDate: 8, room price = 1000.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 6, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, checkOulDate: 8, room price: 500.00, discountCode: "TSTY4_GET1" checkinDate: 5, check	Reservation object with growen details Reservation object with check-in and check-out on the same date **John Dea" **Jane Dea" **Jan	Reservation object with given details Reservation object with single-day stay details Reservation object with engle-day stay details Reservation object with check-in and check-out on the same date "Jahn Doe" "Jane Doe" 1 2 5 5 2 Room object with name "Room-1" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room object with name "Room-2" and price 1299 0 Room price for checkholdse (consider using room gelPriceOnDate()) Room price for checkholdse (consider using room gelPriceOnDate()) Sum of room prices for days 5, 6, and 7 (using room gelPriceOnDate()) Sum of modified room prices Actual Output CREATED Room object with name "Ocean View", price 120.00 (Deluxe modifier), and roomType "Deluxe" impossible Case Room object with name "Ocean View", price 120.00 (Ostandard price), and roomType "Standard" New Room object with name "Ocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Pocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Pocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Pocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Pocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Pocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Pocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Pocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Pocean View", price 100.00 (Standard price), and roomType "Standard" New Room object with name Poce	Pi
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elfCuestName elfCheckinDate elfCheckinDate elfCheckOutDate elfCostPerNight elfTotalPrice elfCostPerNight elfCostPerNight elfCostPerNight elfTotalPrice Method loom Method	2 Cree 2	afte a reservation with valid details are a reservation with valid details are a reservation with a single details are a reservation with a single detay stay, at the a reservation with a single day stay, at the are served in which same check-in and check-out, offere the guest name from the reservation. Index the paint name from the reservation. Index the check-out date from the reservation. Index the check-out date from the reservation. Index the check-out date from the reservation. Index the paint name from the reservation. Index to paint name from the reservation. Index to paint name of the paint name of the check-out date total price with same check-out and check-out. Index the could price for ingle-day reservation. Index the could price for ingle-day reservation. Index the could price the default discount could price the default discount (DAA') Total price, (Mutple Nights) Total price, (Mutple Nights) Industry Total price with Discount (TAYA') Total price, with Discount (TAYA') Total price with Modified Prices Test Description at Room with Valid Data at all Room with Invalid Price at Room with Invalid Price with Modified Prices with	puesName: "John Doe", room: Room("Room-1", 1298.0), checkinhate: 1, checkOulDate: 5 puesName: "Sane Doe", room: Room("Room-2", 1298.0), checkinhate: 1, checkOulDate: 1 puesName: "John Doe", room: Room("Room-3", 1298.0), checkinhate: 2, checkOulDate: 2 guesName: "John Doe" guesName: "John Doe guesName: "Jo	Reservation object with check-in and check-out on the same date 1.40n Doe" **Jane Doe Doe Doe Doe Doe Doe Doe Doe Doe Do	Reservation object with given details Reservation object with single-day stey details Reservation object with check-in and check-out on the same date	Pi
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pelCuesiName pelCheckinDate pelCheckinDate pelCheckinDate pelCostPerNight pelCostPerNight pelCostPerNight peld pelCostPerNight peld pelCostPerNight peld pelCostPerNight peld pelCostPerNight peld pelCostPerNight pelCostPerNight pelCostPerNight pelCostPerNight pelCostPerNight pelCostPerNight pelCostPerNight pelPicePerNight	2 Cream 1 Cream 2 Crea	Test Description afte a reservation with valid details. afte a reservation with a single-day stay. afte a reservation with a single-day stay. afte a reservation with a single-day stay. after a reservation with same check-in and check-out. river the guest name from the reservation. river the guest name from the reservation. river the check-ind date from the reservation. river the check-ind date from the reservation. river the check-out date from another reservation. river the recheck out date from another reservation. river the room details from the reservation. river the room details from the reservation. cutate total price for single-day 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checkinflate: 1 checkinflate: 2 checkOulflate: 2 checkOulflate: 2 checkOulflate: 2 checkOulflate: 3 checkOulflate: 1, checkOulflate: 1, costPerNight: 1299.0 checkinflate: 1, checkOulflate: 2, costPerNight: 1299.0 checkinflate: 1, checkOulflate: 2, costPerNight: 1299.0 room: Room("Room-1", 1299.0) room: Room("Room-2", 1499.0) checkinflate: 3, checkOulflate: 2, costPerNight: 1299.0 checkinflate: 3, checkOulflate: 3, costPerNight: 1299.0 checkinflate: 3, checkOulflate: 4, cost price: 9100.00 checkinflate: 5, checkOulflate: 4, com price: 9100.00 checkinflate: 5, checkOulflate: 4, com price: 9100.00 checkinflate: 5, checkOulflate: 4, com price: 9100.00, discountCode: "T_WORK_HERE" checkinflate: 5, checkOulflate: 9, room price: 9100.00, discountCode: "PAYTOAY checkinflate: 5, checkOulflate: 1, com price: 950.00, discountCode: "TAYTOAK_HERE" checkinflate: 5, checkOulflate: 8, room price: 950.00, discountCode: "TAYTOAK_HERE" checkinflate: 6, checkOulflate: 8, room price: 950.00, discountCode: "TAYTOAK_HERE" checkinflate: 6, checkOulflate: 8, room price: 950.00, discountCode: "TAYTOAK_HERE" checkinflate: 6, checkOulflate: 8, room price: 950.00, discountCode: "TAYTOAK_HERE" checkinflate: 6, checkOulflate: 8, room price: 950.00, discountCode: "TAYTOAK_HERE" checkinflate: 6, checkOulflate: 8, room price: 950.00, discountCode: "TAYTOAK_HERE" checkinflate: 6, checkOulflate: 8, room price: 950.00, discountCode: "TAYTOAK_HERE" checkinflate: 6, checkOulflate: 8, room price: 950.00, discountCode: "TAYTOAK_HERE" checkinflate: 6, checkOulflate: 8, room price: 950.00, discountCode: "TAYTOAK_HERE" checkinflate: 6, checkOulf	Reservation object with growen details Reservation object with check-in and check-out on the same date John Doe* Jane D	Reservation object with given details Reservation object with subject day stay details Reservation object with check-in and check-out on the same date "Jahn Doe" "Jane Doe" 1 2 5 5 2 Room object with name "Room-1" and price 1299 0 Room object with 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Method Reservation getGuestName getCheckinDate getCheckinDate getCheckinDate getCheckinDate getCostPerNight scalculateTotalPrice	2 Cree	Test Description afte a reservation with valid details. afte a reservation with a single-day stay. afte a reservation with a single-day stay. afte a reservation with a single-day stay. after a reservation with same check-in and check-out. river the guest name from the reservation. river the guest name from the reservation. river the check-ind date from the reservation. river the check-ind date from the reservation. river the check-out date from another reservation. river the recheck out date from another reservation. river the room details from the reservation. river the room details from the reservation. cutate total price for single-day reservation. cutate total price for single-day reservation. cutate total price for single-day reservation. cutate total price with same check-in and check-out. river the room pring that from another reservation. river the room pring that from another reservation. river the room pring that from another reservation. river the room price that the reservation of the default dissount code (TNA*) Total Price (Multiple Nights) Total Price with Discount (TNA*) Total Price (Multiple Nights) Cutate Raw Total Price (Single Night) cutate Raw Total Price (Single Night) cutate Raw Total Price (Single Night) cutate Raw Total Price (Multiple Nights) cutate Total Price with Discount (TNA*) Total Price with Dis	puesName: "John Doe", room: Room("Room-1", 1298.0), checkinhate: 1, checkOutDate: 5 puesName: "Same Doe", room: Room("Room-2", 1298.0), checkinhate: 1, checkOutDate: 1 puesName: "John Som", room: Room("Room-3", 1298.0), checkinhate: 2, checkOutDate: 2 guesName: "John Doe" guesName: "John Doe	Reservation object with growen details Reservation object with check-in and check-out on the same date 'John Dos" 'Jane Dose Dose Dose Dose Dose Dose Dose Dos	Reservation object with given details Reservation object with single-day stey details Reservation object with check-in and check-out on the same date	P/F P P P P P P P P P

	 Retrieve the list of reservations when empty. 	reservations: []	Empty list	Empty list	P
getReservation	 Retrieve a reservation by guest name. 	guestName: "John Doe"	Reservation object with guest name "John Doe"	Reservation object with guest name "John Doe"	P
	 Retrieve a reservation for a different guest. 	guestName: "Jane Doe"	null	null	P
addReservation	1 Add Reservation for Available Dates	guestName = "John Doe", checkInDate = 12, checkOutDate = 14 (assuming days 12-1	4 are avail Reservation is added and dates are marked unavailable	Reservation is added and dates are marked unavailable	P
	2 Add Reservation for Unavailable Dates	guestName = "Jane Doe", checkInDate = 12, checkOutDate = 14 (assuming days 12-1	4 are alres Reservation is not added, error message or return false	Reservation is not added, error message or return false	P
	3 Add Reservation for Single Day	guestName = "Alice", checkInDate = 20, checkOutDate = 20	Reservation is added for one day	Reservation is added for one day	P
removeReservation	1 Remove Existing Reservation	Id = 3 (assuming reservation with Id 3 exists)	Reservation is removed and corresponding dates are marked available	Reservation is removed and corresponding dates are marked available	P
	2 Remove Non-Existing Reservation	Id = 10 (assuming no reservation with Id 10)	No changes made	No changes made	P
reserveDates	 Reserve dates for a room. 	checkInDate: 1, checkOutDate: 5	Dates marked unavailable	Dates marked unavailable	P
	 Reserve already booked dates. 	checkInDate: 1, checkOutDate: 5 (after reserving for John Doe)	FALSE	FALSE	P
	3 Reserve dates with same check-in and check-out.	checkInDate: 2, checkOutDate: 2	Date marked unavailable	Date marked unavailable	P
cancelReserveDates	 Cancel reserved dates for a room. 	checkInDate: 1, checkOutDate: 5	Dates marked available	Dates marked available	P
	2 Cancel dates that were not reserved.	checkInDate: 6, checkOutDate: 10	No change (dates remain available)	No change (dates remain available)	P
getTotalEarnings	 Calculate total earnings from reservations. 	reservations: [Reservation("John Doe", Room, 1, 5)], pricePerNight: 1299.0	Total earnings: 6495.0	Total earnings: 6495.0	P
	 Calculate total earnings with no reservations. 	reservations: [], pricePerNight: 1299.0	Total earnings: 0.0	Total earnings: 0.0	P
getAvailabilityDates	1 Get all Availability Dates		List of all availability dates	List of all availability dates	P
getAvailabilityDate	1 Get a Availability Date	dateNumber = 15	AvailabilityDate object for day 15	AvailabilityDate object for day 15	P
getReservedDates	1 Get Reserved Dates		List of dates that are not available	List of dates that are not available	P
getPriceOnDate	1 Get Price for Available Date	selectedDate = 10 (assuming day 10 is available)	Price for day 10 (base price)	Price for day 10 (base price)	P
	2 Get Price for Modified Date	selectedDate = 15 (assuming day 15 has a modified price due to a reservation)	Modified price for day 15	Modified price for day 15	P
		Class: AvailabilityDate			
Method	# Test Description	Sample input Data	Expected Output	Actual Output	P/F
AvailabilityDate	Create AvailabilityDate with Valid Data	dateNumber = 10, basePrice = 1000.00	AvailabilityDate object with dateNumber 10, basePrice 1000.00, available, modifiedPrice 1000.0	IO, isModified fals AvailabilityDate object with dateNumber 10, basePrice 1000.00, available, modifiedPrice 1000.00,	isModified fals P
	2 Create AvailabilityDate with Base Price Below Minimum	dateNumber = 10, basePrice = 499.00	AvailabilityDate object with dateNumber 10, basePrice 500.00 (default minimum), available, mod	difiedPrice 500.0 AvailabilityDate object with dateNumber 10, basePrice 500.00 (default minimum), available, modifi	edPrice 500.0 P
	3 Create AvailabilityDate with Zero Base Price	dateNumber = 10, basePrice = 0.00	AvailabilityDate object with dateNumber 10, basePrice 500.00 (default minimum), available, mod	difiedPrice 500.0 AvailabilityDate object with dateNumber 10, basePrice 500.00 (default minimum), available, modifi	edPrice 500.0 P
AvailabilityDate (AvailabilityDate as parameter)	1 Create AvailabilityDate Copy	date (existing AvailabilityDate object)	New AvailabilityDate object with same properties as the original	New AvailabilityDate object with same properties as the original	P
	2 Create AvailabilityDate Copy with Modified Values	date (existing AvailabilityDate object with modified values)	New AvailabilityDate object with copied modified values	New AvailabilityDate object with copied modified values	P
	3 Create AvailabilityDate Copy with Null Input	date = null	Exception or handle null input gracefully	Exception or handle null input gracefully	P
getDateNumber	1 Get date number of the date	5 (assume initialized)	5	5	P
isAvailable	1 Get the availability (boolean)	isAvailable = true	TRUE	TRUE	P
setAvailable	1 Changes the availability state (boolean)	FALSE	FALSE	FALSE	P
getBasePrice	1 Get the base price	basePrice = 1000	1000	1000	P
setBasePrice	1 Set a new base price	basePrice to 2000	base price will now be 2000	base price will now be 2000	P
getModifiedPrice	1 Get the modified price that is modified by the date price modifier	modifiedPrice (after being modified by date price modifier) = 3500	3500	3500	P
getIsModified	1 Get the boolean state if its modified	isModified = false	FALSE	FALSE	P
setIsModified	1 Set the boolean state if modified	isModified to true	TRUE	TRUE	P
getModifier	1 Get the modifier value to be multiplied	modifier = 2.0	2	2	P
setModifier	1 Set the modifier value to be multiplied	modifier to 3.5	3.5	3.5	P
setModifiedPrice	1 Set modified price to 1.0	newModifier = 1.0	ModifiedPrice is set to basePrice, isModified is set to false, modifier is set to 1.0	ModifiedPrice is set to basePrice, isModified is set to false, modifier is set to 1.0	P
	2 Set modified price to valid value within range (0.5 - 1.5)	newModifier = 1.2	ModifiedPrice is calculated, isModified is set to true, modifier is set to 1.2	ModifiedPrice is calculated, isModified is set to true, modifier is set to 1.2	P
	3 Set modified price to invalid value (less than 0.5)	newModifier = 0.4	ModifiedPrice is not changed, isModified is set to false, modifier is not changed	ModifiedPrice is not changed, isModified is set to false, modifier is not changed	P