

Test Report 1

Test Report 1		* to show the state after
Step	Operation invocation	Output
1	registerClient("Leicester", "Reiko")	"Leicester_0"
*	showClients("Leicester")	[0]={cName="Reiko", cID="Leicester_0"}
	showBranch("Leicester")	{city=" Leicester", rMax=0, cMax=0}
2	registerClient("Leicester", "Abdullah")	"Leicester_1"
*	showClients("Leicester")	[0]={cName="Reiko", cID="Leicester_0"} [1]={cName="Abdullah", cID="Leicester_1"}
	showBranch("Leicester")	{city=" Leicester", rMax=0, cMax=0}
3	makeReservation("Leicester_1", "Leicester", "Nottingham")	"Leicester_1"
*	showClientReservations("Leicester_1")	[0]={ reference="Leicester_1", made="Leicester_1", pickup="Leicester", dropoff="Nottingham", for="A1"}
	showBranch("Leicester")	{city=" Leicester", rMax=1, cMax=0}
4	makeReservation("Leicester_1", "Birmingham", "Leicester")	null
*	showClientReservations("Leicester_1")	[0]={ reference="Leicester_1", made="Leicester_1", pickup="Leicester", dropoff="Nottingham", for="A1"}
	showBranch("Leicester")	{city=" Leicester", rMax=1, cMax=0}
5	cancelReservation ("Leicester_1")	-
*	showClientReservations("Leicester_1")	null

Test Report 2

Test Report 2		* to show the state after
Step	Operation invocation	Output
1	registerClient("Nottingham", "Reiko")	"Nottingham_0"
*	showClients("Nottingham")	[0]={cName="Reiko", cID="Nottingham_0"}
	showBranch("Nottingham")	{city="Nottingham", rMax=1, cMax=1}
2	makeReservation("Nottingham_0", "Nottingham", "Nottingham")	"Nottingham_2"
*	showClientReservations("Nottingham_0")	[0]={ reference="Nottingham_2", made="Nottingham_0", pickup=" Nottingham", dropoff="Nottingham", for="B2"}
	showBranch("Nottingham")	{city=" Nottingham", rMax=2, cMax=1}
3	makeReservation("Nottingham_0", "Leicester", "Nottingham")	"Leicester_1"
*	showClientReservations("Nottingham_0")	[0]={ reference="Nottingham_2", made="Nottingham_0", pickup=" Nottingham", dropoff="Nottingham", for="B2"} [1]={ reference="Leicester_1", made="Nottingham_0", pickup="Leicester", dropoff="Nottingham", for="A1"}
	showBranch("Nottingham")	{city="Nottingham", rMax=2, cMax=1}
	showBranch("Leicester")	{city="Leicester", rMax=1, cMax=0}
4	cancelReservation ("Nottingham_2")	-
*	showClientReservations("Nottingham_0")	null

Test Report 3

		* to show the state after
Step	Operation invocation	Output
1	registerClient("Leicester", "Reiko")	"Leicester_0"
*	showClients("Leicester")	[0]={cName="Reiko", cID="Leicester_0"}
	showBranch("Leicester")	{city="Leicester", rMax=0, cMax=0}
2	registerClient("Leicester", "Abdullah")	"Leicester_1"
*	showClients("Leicester")	[0]={cName="Reiko", cID="Leicester_0"} [1]={cName="Abdullah", cID="Leicester_1"}
	showBranch("Leicester")	{city="Leicester", rMax=0, cMax=0}
3	makeReservation("Leicester_0", "Leicester", "Birmingham")	"Leicester_1"
*	showClientReservations("Leicester_0")	[0]={ reference="Leicester_1", made="Leicester_0", pickup="Leicester", dropoff="Birmingham", for="A1" }
	showBranch("Leicester")	{city="Leicester", rMax=1, cMax=0}
4	makeReservation("Leicester_1", "Leicester", "Leicester")	"Leicester_2"
*	showClientReservations("Leicester_1")	[0]={ reference="Leicester_2", made="Leicester_1", pickup="Leicester", dropoff="Leicester", for="A1" }
	showBranch("Leicester")	{city="Leicester", rMax=2, cMax=0}
5	cancelReservation ("Leicester_1")	-
*	showClientReservations("Leicester_0")	null
	showClientReservations("Leicester_1")	null

Test Report 4

		* to show the state after
Step	Operation invocation	Output
1	registerClient("Nottingham", "Reiko")	"Nottingham_0"
*	showClients("Nottingham")	[0]={cName="Reiko", cID="Nottingham_0"}
	showBranch("Nottingham")	{city="Nottingham", rMax=1, cMax=1}
	showCars("Nottingham")	[0] = {Registration="B2"} [1] = {Registration="C3"}
2	makeReservation("Nottingham_0", "Nottingham", "Birmingham")	"Nottingham_2"
*	showClientReservations("Nottingham_0")	[0]={ reference="Nottingham_2", made=" Nottingham_0", pickup="Nottingham", dropoff=" Birmingham", for="B2" }
	showBranch("Nottingham")	{city=" Nottingham", rMax=2, cMax=1}
3	pickupCar("Nottingham_2")	-
*	showCars("Nottingham")	[0] = {Registration="C3"}
	showCars("Birmingham")	Null
	showClientReservations("Nottingham_0")	[0]={ reference="Nottingham_2", made=" Nottingham_0", pickup="Nottingham", dropoff=" Birmingham", for="B2" }
4	dropoffCar ("Nottingham_2")	-
*	showCars("Nottingham")	[0] = {Registration="C3"}
	showCars("Birmingham")	[0] = {Registration="B2"}
	showClientReservations("Nottingham_0")	[0]={ reference="Nottingham_2", made=" Nottingham_0", pickup="Nottingham", dropoff=null, for=null}

Test Report 5

		* to show the state after
Step	Operation invocation	Output
1	registerClient("Birmingham", "Reiko")	"Birmingham_0"
*	showClients("Birmingham")	[0]={cName="Reiko", cID="Birmingham_0"}
	showBranch("Birmingham")	{city=" Birmingham", rMax=2, cMax=2}
2	registerClient("Birmingham ", "Abdullah")	"Birmingham_1"
*	showClients("Birmingham")	[0]={cName="Reiko", cID="Birmingham_0"} [1]={cName=" Abdullah ", cID="Birmingham_1"}
	showBranch("Birmingham")	{city=" Birmingham", rMax=2, cMax=2}
	showCars("Birmingham")	null
3	makeReservation("Birmingham_0", "Birmingham", "Birmingham")	null
*	showClientReservations("Birmingham_0")	null
	showBranch("Birmingham")	{city="Birmingham", rMax=2, cMax=2}
4	makeReservation("Birmingham_1", "Birmingham", "Leicester")	null
*	showClientReservations("Birmingham_1")	null
	showBranch("Birmingham")	{city=" Birmingham", rMax=2, cMax=2}