Test ID	Description	Expected Results
checkOptions1*	Precondition: Run CoffeeMaker Enter: Menu option 0, "Exit"	Program Exits
checkOptions2	Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe"	Add Recipe Functionality
checkOptions3	Precondition: Run CoffeeMaker Enter: Menu option 2, "Delete a recipe"	Delete Recipe Functionality
checkOptions4	Precondition: Run CoffeeMaker Enter: Menu option 5, "Edit a recipe"	Edit Recipe Functionality
checkOptions5	Precondition: Run CoffeeMaker Enter: Menu option 4, "Add inventory"	Add Inventory Functionality
checkOptions6	Precondition: Run CoffeeMaker Enter: Menu option 5, "Check inventory"	Inventory Displays
checkOptions7	Precondition: Run CoffeeMaker Enter: Menu option 6, "Make coffee"	Make Coffee Functionality
addRecipe1*	Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe " Name: Coffee Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: 0 Return to main menu.	Coffee successfully added.
addRecipe2	Precondition: Run CoffeeMaker, addRecipe1 Enter: Menu option 1, "Add a recipe " Name: Coffee Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: 0 Return to main menu.	Coffee could not be added.
addRecipe3	Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe " Name: Mocha Price: -50 Return to main menu.	Mocha could not be added. Price can not be negative.

Precondition: Run CoffeeMaker	
Enter: Menu option 1, "Add a recipe	
"	Mocha could not be added. Units of coffee can
Name: Mocha	not be negative.
Price: 60	not be negative.
Coffee: -3	
Return to main menu.	
Precondition: Run CoffeeMaker	
Enter: Menu option 1, "Add a recipe	
ıı -	
Name: Mocha	Mocha could not be added. Units of milk can
Price: 60	not be negative.
Coffee: 3	
Milk: -2	
Return to main menu.	
"	
Name: Mocha	
Price: 60	Mocha could not be added. Units of sugar can
Coffee: 3	not be negative.
Milk: 2	
Return to main menu.	
I	1
"	
Name: Mocha	
	Mocha could not be added. Units of chocolate
	can not be negative.
	can not be negative.
Enter: Menu opuon 1, Aud a recipe	
NT N foobo	Please input an integer.
	1
Enter: Menu option 1, Aud a recipe	
	Please input an integer
I	
Enter: Menu option 1, "Add a recipe	Please input an integer.
"	
	Enter: Menu option 1, "Add a recipe " Name: Mocha Price: 60 Coffee: -3 Return to main menu. Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe " Name: Mocha Price: 60 Coffee: 3 Milk: -2 Return to main menu. Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe " Name: Mocha Price: 60 Coffee: 3 Milk: 2 Sugar: -2 Return to main menu. Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe " Name: Mocha Price: 60 Coffee: 3 Milk: 2 Sugar: -2 Return to main menu. Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe " Name: Mocha Price: 60 Coffee: 3 Milk: 2 Sugar: 2 Chocolate: -3 Return to main menu. Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe " Name: Mocha Price: a Return to main menu. Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe " Name: Mocha Price: a Return to main menu. Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe "

	Name: Mocha Price: 60 Coffee: 3 Milk: a Return to main menu.	
addRecipe11	Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe " Name: Mocha Price: 60 Coffee: 3 Milk: 2 Sugar: a Return to main menu.	Please input an integer.
addRecipe12	Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe " Name: Mocha Price: 60 Coffee: 3 Milk: 2 Sugar: 2 Chocolate: a Return to main menu.	Please input an integer.
addRecipe13	Precondition: Run CoffeeMaker, addRecipe1 Enter: Menu option 1, "Add a recipe " Name: Mocha Price: 60 Coffee: 3 Milk: 2 Sugar: 2 Chocolate: 3 Return to main menu.	Coffee successfully added.
addRecipe14	Precondition: Run CoffeeMaker, addRecipe13 Enter: Menu option 1, "Add a recipe " Name: Latte Price: 60 Coffee: 3 Milk: 3 Sugar: 2 Chocolate: 0 Return to main menu.	Coffee successfully added.
addRecipe15	Precondition: Run CoffeeMaker, addRecipe14 Enter: Menu option 1, "Add a recipe " Name: Hot Chocolate	Coffee could not be added.

	Price: 60	
	Coffee: 0	
	Milk: 2	
	Sugar: 2	
	Chocolate: 3	
	Return to main menu.	
		1
	Precondition: addRecipe1 has run	
	successfully Enter: Menu option 2. "Delete a	
deleteRecipe1*	Enter: Menu option 2, "Delete a	Successfully deleted
_	recipe	
	Select: Coffee	
	Return to main menu.	1
	Precondition: Run CoffeeMaker	
deleteRecipe2	Enter: Menu option 2, "Delete a	There are no recipes to delete
deleterecipe2	recipe "	There are no recipes to delete
	Return to main menu.	
	Precondition: addRecipe1 has run	
	successfully	
	Enter: Menu option 3, "Edit a recipe	
	"	
	Select: Coffee	
editRecipe1*		Coffee successfully added.
editkeciper	Coffee: 3	Coffee successivity added.
	Milk: 1 Sugar: 1	
	Sugar: 1	
	Chocolate: 0	
	Return to main menu.	
	Precondition: addRecipe1 has run	
	successfully	
	Enter: Menu option 3, "Edit a recipe	
	"	
	Select: Coffee	
editRecipe2		Coffee could not be edited.
_	Coffee: 3	
	Milk: 1	
	Sugar: 1	
	Chocolate: 0	
	Return to main menu.	
	Precondition: addRecipe1 has run	1
	successfully	
	Enter: Many antion 2 "Edit a racina	
L'aDanina?	Enter: Menu option 3, "Edit a recipe	Coffee could not be edited. Price can not be
editRecipe3	l'	negative.
	Select: Collee	
	Price: -50	
	Return to main menu.	
	Precondition: addRecipe1 has run	
	successfully	Coffee could not be edited. Units of coffee can
editRecipe4	Enter: Menti Option 3 Edit a recine	not be negative.
	"	not be negative.
	Select: Coffee	

	Price: 60	
	Coffee: -3	
	Return to main menu.	
	Precondition: addRecipe1 has run	
	successfully	
	Enter: Menu option 3, "Edit a recipe	
	"	
editRecipe5	Select: Coffee	Coffee could not be edited. Units of milk can
1	Price: 60	not be negative.
	Coffee: 3	
	Milk: -2	
	Return to main menu.	
		+
	Precondition: addRecipe1 has run	
	successfully Enter: Many option 3. "Edit a racing	
	Enter: Menu option 3, "Edit a recipe	
		a co 11 11 11 1 III-le- of succession
editRecipe6	Select: Coffee	Coffee could not be edited. Units of sugar can
1	Price: 60	not be negative.
	Coffee: 3	
	Milk: 2	
	Sugar: -2	
	Return to main menu.	
	Precondition: addRecipe1 has run	
	successfully	
	Enter: Menu option 3, "Edit a recipe	
	"	
	Select: Coffee	C CC 11 11 11 11 11 11 11 15 of chocolote
editRecipe7	Price: 60	Coffee could not be edited. Units of chocolate
	Coffee: 3	can not be negative.
	Milk: 2	l l
	Sugar: 2	
	Chocolate: -3	
	Return to main menu.	
		-
	Precondition: addRecipe1 has run	
	successfully Enter: Many option 3. "Edit a racing	
l'iD-simo0	Enter: Menu option 3, "Edit a recipe	
editRecipe8		Please input an integer.
	Select: Coffee	
	Price: a	
	Return to main menu.	
	Precondition: Run CoffeeMaker	
	Enter: Menu option 3, "Edit a recipe	
	" 	
editRecipe9	Select: Coffee	Please input an integer.
	Price: 60	
	Coffee: a	
	Return to main menu.	
	Precondition: Run CoffeeMaker	
editRecipe10	Enter: Menu option 3, "Edit a recipe	Please input an integer.
	"	

	Select: Coffee	
	Price: 60	
	Coffee: 3	
	Milk: a	
	Return to main menu.	ļ.
	Precondition: addRecipe1 has run	
	successfully	
	Enter: Menu option 3, "Edit a recipe	
	" G 1 . G - CC	
editRecipe11	Select: Coffee Price: 60	Please input an integer.
	Coffee: 3	
	Corree: 3 Milk: 2	
	Milk: 2 Sugar: a	
	Sugar: a Return to main menu.	
		+
	Precondition: addRecipe1 has run successfully	
	Enter: Menu option 3, "Edit a recipe	
	Enter: Menu option 3, Edit a recipe	
	Select: Coffee	
editRecipe12		Please input an integer.
culticorpor2	Coffee: 3	l lease input an integer.
	Milk: 2	
	Sugar: 2	
	Chocolate: a	
	Return to main menu.	
	Precondition: Run CoffeeMaker	+
	Enter: Menu option 4, "Add	
	inventory"	
1 1	Coffee: 5	
addInventory1*	Milk: 3	Inventory successfully added
	Sugar: 7	
	Chocolate: 2	
	Return to main menu.	
	Precondition: Run CoffeeMaker	
	Enter: Menu option 4, "Add	C . 11 in-rate of another can not
addInventory2	inventory"	Cannot add inventory. Units of coffee can not
	Coffee: -1	be negative
	Return to main menu.	
	Precondition: Run CoffeeMaker	
	Enter: Menu option 4, "Add	
addInventory3	inventory"	Cannot add inventory. Units of milk can not be
addinventorys	Coffee: 5	negative
	Milk: -1	-
	Return to main menu.	
	Precondition: Run CoffeeMaker	
	Enter: Menu option 4, "Add	Cannot add inventory. Units of sugar can not be
addInventory4	inventory"	negative
	Coffee: 5	negative
	Milk: 3	

	Sugar: -1	
	Return to main menu.	
	Precondition: Run CoffeeMaker Enter: Menu option 4, "Add	
	inventory"	
addInventory5	Coffee: 5	Cannot add inventory. Units of chocolate can
addin ventor y 5	Milk: 3	not be negative
	Sugar: 7	
	Chocolate: -1	
	Return to main menu.	
	Precondition: Run CoffeeMaker	
	Enter: Menu option 4, "Add	
addInventory6	inventory"	Please input an integer.
	Coffee: a	
	Return to main menu.	
	Precondition: Run CoffeeMaker	
	Enter: Menu option 4, "Add	
addInventory7	inventory"	Please input an integer.
addinventory /	Coffee: 5	riease input an integer.
	Milk: a	
	Return to main menu.	
	Precondition: Run CoffeeMaker	
	Enter: Menu option 4, "Add	
	inventory"	
addInventory8	Coffee: 5	Please input an integer.
	Milk: 3	
	Sugar: a	
	Return to main menu.	
	Precondition: Run CoffeeMaker	
	Enter: Menu option 4, "Add	
	inventory"	
addInventory9	Coffee: 5	Please input an integer.
addinventory >	IVIIIK: 3	r lease input an integer.
	Sugar: 7	
	Chocolate:a	
	Return to main menu.	
	Precondition:Run CoffeeMaker	Coffee: 15
checkInventory*	Enter: Menu option 5, "Check	Milk: 15
CHECKIHVEHIOLY	inventory"	Sugar: 15
	Return to main menu.	Chocolate: 15
	Precondition: addRecipe1 has	
	successfully run	
	Enter: Menu option 6, "Make coffee	Your change is 10.
	"	
purchaseBeverage1*	Select: Coffee	Coffee: 12
purchasebeverager	Amount: 60	Milk: 14
	Return to main menu.	Sugar: 14
	Enter: Menu option 5, "Check	Chocolate: 15
	inventory "	
	Return to main menu.	

purchaseBeverage2	Precondition: addRecipe1 has successfully run Enter: Menu option 3, "Make coffee	Your change is 40
	Select: Coffee Amount: 40 Return to main menu. Enter: Menu option 5, "Check inventory " Return to main menu.	Coffee: 15 Milk: 15 Sugar: 15 Chocolate: 15
purcahse Beverage3	Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe." Name: Coffee Price: 50 Coffee: 16 Milk: 1 Sugar: 1 Chocolate: 0 Return to main menu. Enter: Menu option 6, "Make coffee" Price: 50 Return to main menu.	Your change is 50