

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.

addRecipe4	Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe" Name: Mocha Price: 60 Coffee: -3 Return to main menu.	Mocha could not be added. Units of coffee can not be negative.
addRecipe5	Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe" Name: Mocha Price: 60 Coffee: 3 Milk: -2 Return to main menu.	Mocha could not be added. Units of milk can not be negative.
addRecipe6	Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe" Name: Mocha Price: 60 Coffee: 3 Milk: 2 Sugar: -2 Return to main menu.	Mocha could not be added. Units of sugar can not be negative.
addRecipe7	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.	Mocha could not be added. Units of chocolate can not be negative.
addRecipe8	Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe" Name: Mocha Price: a Return to main menu.	Please input an integer.
addRecipe9	Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe" Name: Mocha Price: 60 Coffee: a Return to main menu.	Please input an integer..
addRecipe10	Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe"	Please input an integer.

	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.	
deleteRecipe1*	Precondition: addRecipe1 has run successfully Enter: Menu option 2, "Delete a recipe " Select: Coffee Return to main menu.	Successfully deleted
deleteRecipe2	Precondition: Run CoffeeMaker Enter: Menu option 2, "Delete a recipe " Return to main menu.	There are no recipes to delete
editRecipe1*	Precondition: addRecipe1 has run successfully Enter: Menu option 3, "Edit a recipe " Select: Coffee Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: 0 Return to main menu.	Coffee successfully added.
editRecipe2	Precondition: addRecipe1 has run successfully Enter: Menu option 3, "Edit a recipe " Select: Coffee Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: 0 Return to main menu.	Coffee could not be edited.
editRecipe3	Precondition: addRecipe1 has run successfully Enter: Menu option 3, "Edit a recipe " Select: Coffee Price: -50 Return to main menu.	Coffee could not be edited. Price can not be negative.
editRecipe4	Precondition: addRecipe1 has run successfully Enter: Menu option 3, "Edit a recipe " Select: Coffee	Coffee could not be edited. Units of coffee can not be negative.

	Price: 60 Coffee: -3 Return to main menu.	
editRecipe5	Precondition: addRecipe1 has run successfully Enter: Menu option 3, "Edit a recipe" Select: Coffee Price: 60 Coffee: 3 Milk: -2 Return to main menu.	Coffee could not be edited. Units of milk can not be negative.
editRecipe6	Precondition: addRecipe1 has run successfully Enter: Menu option 3, "Edit a recipe" Select: Coffee Price: 60 Coffee: 3 Milk: 2 Sugar: -2 Return to main menu.	Coffee could not be edited. Units of sugar can not be negative.
editRecipe7	Precondition: addRecipe1 has run successfully Enter: Menu option 3, "Edit a recipe" Select: Coffee Price: 60 Coffee: 3 Milk: 2 Sugar: 2 Chocolate: -3 Return to main menu.	Coffee could not be edited. Units of chocolate can not be negative.
editRecipe8	Precondition: addRecipe1 has run successfully Enter: Menu option 3, "Edit a recipe" Select: Coffee Price: a Return to main menu.	Please input an integer.
editRecipe9	Precondition: Run CoffeeMaker Enter: Menu option 3, "Edit a recipe" Select: Coffee Price: 60 Coffee: a Return to main menu.	Please input an integer.
editRecipe10	Precondition: Run CoffeeMaker Enter: Menu option 3, "Edit a recipe"	Please input an integer.

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

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

purchaseBeverage2	Precondition: addRecipe1 has successfully run Enter: Menu option 3, "Make coffee " Select: Coffee Amount: 40 Return to main menu. Enter: Menu option 5, "Check inventory " Return to main menu.	Your change is 40 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