

TEST CASES FOR MC01 - TEAM 6

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Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
addItem	1	Add items in a manner that fulfills parameters	"Fish Cake, 25.0, 10"	Item is made and in vending machine slot	Item is made and in vending machine slot	P
	2	Add items in a manner that does not fulfill parameter of String name	"12, 25.0, 10"	Syntax Error	Syntax Error	P
	3	Add multiple items that fulfills parameters	"Fish Cake, 25.0, 10" "Aji Tamago, 45.0, 10"	Both items are made and in vending machine slot	Both items are made an in vending machine slot	P

Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
insertMoney	1	Input a valid double number	200.0	moneyInserted = 200.0	moneyInserted = 200.0	P
	2	Input an integer instead of a double number	200	moneyInserted = 200.0	moneyInserted = 200.0	P
	3	Input an invalid value for the parameter	A	Syntax Error	Syntax Error	P

Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
vend	1	Vend an item that exists in the vending machine	"Fish Cake"	Vending Fish Cake	Vending Fish Cake	P
	2	Vend an item that does not exist in the vending machine	"Miso Soup"	Item unavailable: Miso Soup	Item unavailable: Miso Soup	P
	3	Vend an item more expensive than insertedMoney	rvm.addItem("Sukiya ki Bento", 210.0, 10)	Insufficient Money inserted for Sukiyaki Bento	Insufficient Money inserted for Sukiyaki Bento	P

Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
insertMoney	1	Input a valid double number	200.0	moneyInserted = 200.0	moneyInserted = 200.0	P
	2	Input an integer instead of a double number	200	moneyInserted = 200.0	moneyInserted = 200.0	P
	3	Input an invalid value for the parameter	A	Syntax Error	Syntax Error	P

Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
returnChange	1	If the machine cannot provide remaining amount of change and it stays in the machine	0.5	Couldn't return full change, remaining amount: 0.5	Couldn't return full change, remaining amount: 0.5	P
	2	Change after moneyInserted is divided by the denomination with a valid combination. This instance, nothing was bought.	200	Returning 4 of 50	Returning 4 of 50	P
	3	Instance of change not having any divisible denomination combination, i.e ran out of change	1	Denomination 1 is not available	Denomination 1 is not available	P

Method	#	Test Description	Sample Input Data	Expected Output	Actual Output	P/F
restock	1	Valid input for an existing item in the vending machine and valid quantity for restocking	"Fish Cake", 10	Restocked Fish Cake, new quantity: 20	Restocked Fish Cake, new quantity: 20	P
	2	Valid input for a non-existent item in the vending machine and valid quantity for restocking	"Miso Soup", 10	Item not found for restock: Miso Soup	Item not found for restock: Miso Soup	P
	3	Invalid inputs for both parameters of restock method	10, A	Syntax Error	Syntax Error	P