**Checkmarx Home Assignment**

Part 1:

* Verify that an invalid selection is not accepted.
* Test selection of without sugar, white sugar, and brown sugar options.
* Check that the appropriate sugar choice is reflected in the dispensed beverage.
* Make a payment test with a valid Visa card.
* Make a payment test with a valid MasterCard.
* Test payment with an invalid card.
* Verify that the correct payment status is displayed after payment.
* Verify that the payment is made correctly after purchasing the beverage.
* Verify that the correct beverage is dispensed based on the user's selection.
* Ensure the sugar dispenser works correctly with various sugar levels.
* Test card insertion and removal.
* Verify that the card reader detects valid Visa and MasterCard.
* Test each button's responsiveness and functionality (Tea, Coffee, Sugar options).
* Verify that the machine's display accurately shows available options, prices, and sugar preferences.
* Test the time taken for a complete transaction, including beverage selection, payment, and beverage dispensing.
* Verify that selecting a beverage option (tea or coffee) updates the display screen.

\*Note: I didn’t have enough time for writing the pre/post conditions and test data for each scenario, hope you find this good 😊