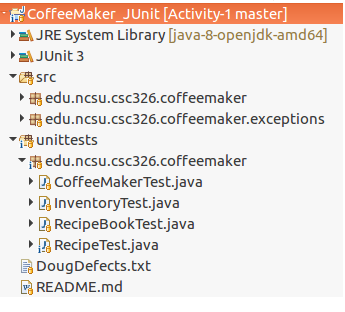
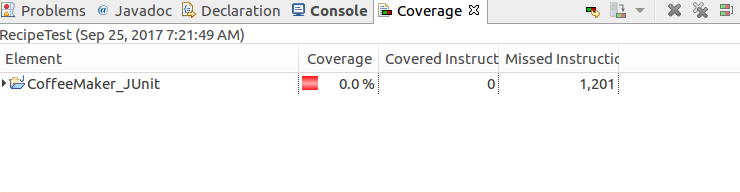
Setup of Eclipse:

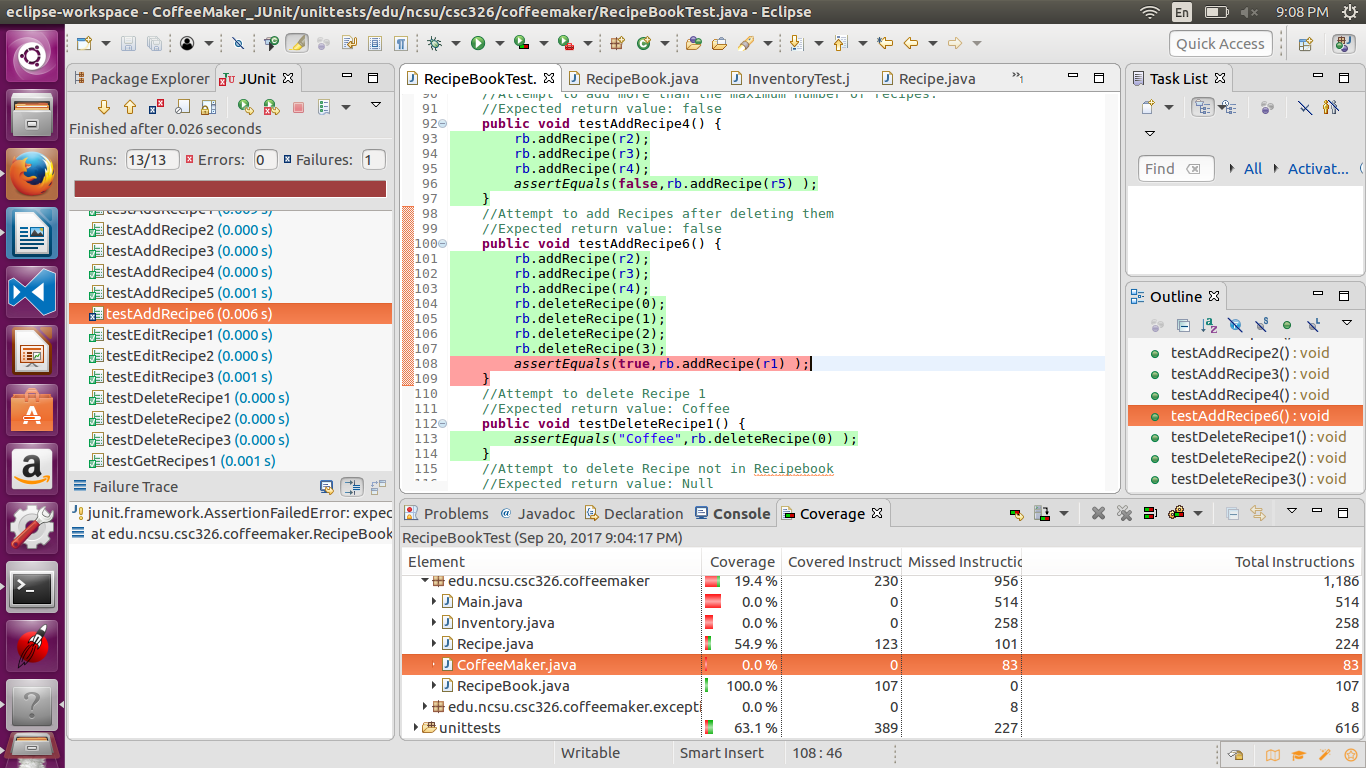


Zero Code Coverage:

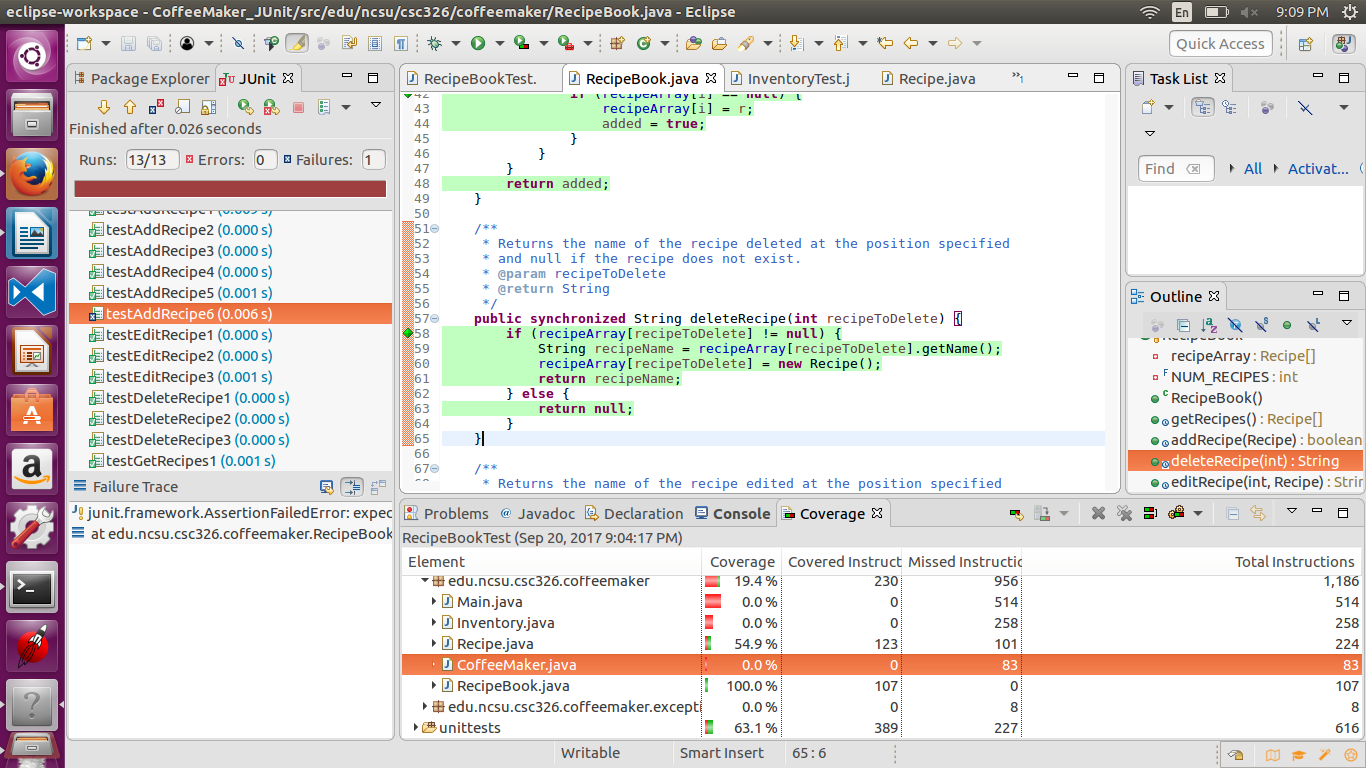


Defect 1: In RecipeBook, the deleteRecipe method does not delete a recipe, just the data for the recipe. As far as the program is concerned, there has been no change in the number of recipes in the recipe book.

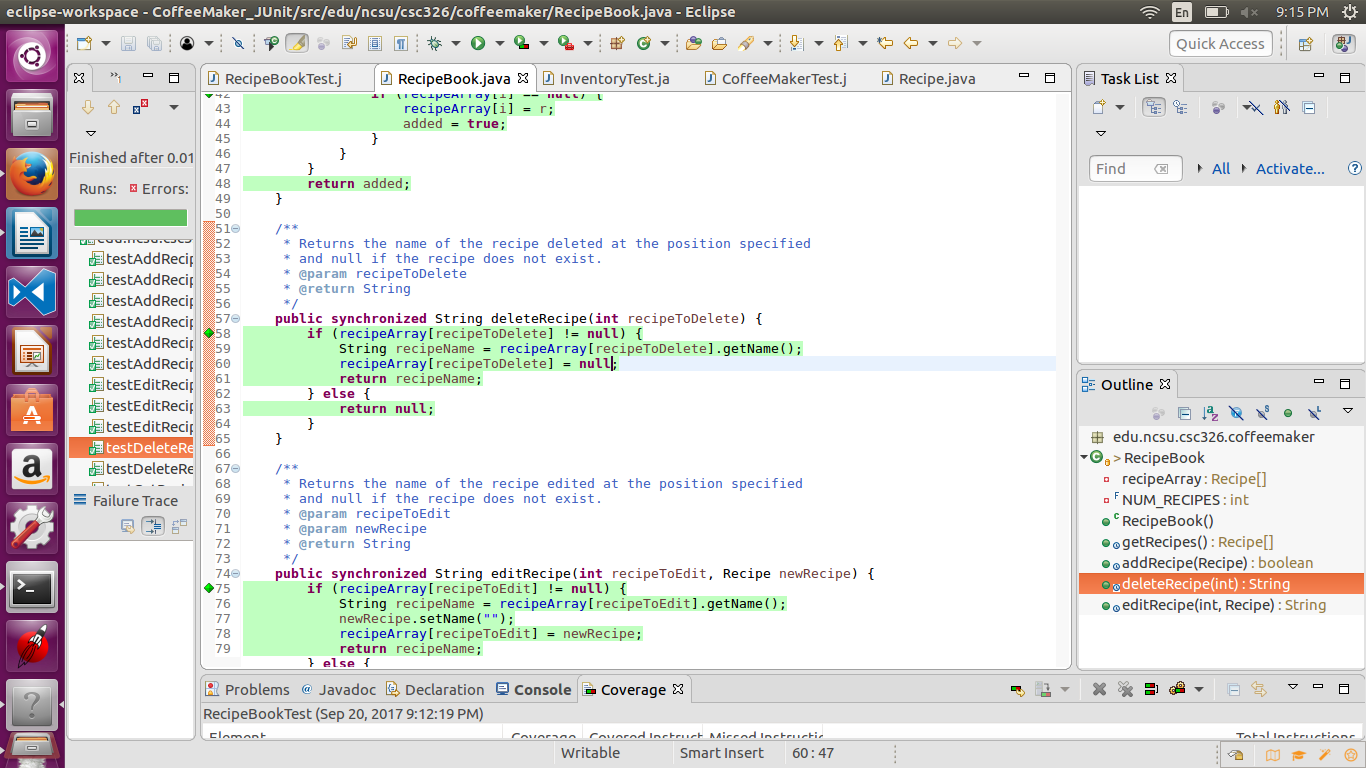
Failed test unit: testAddRecipe6



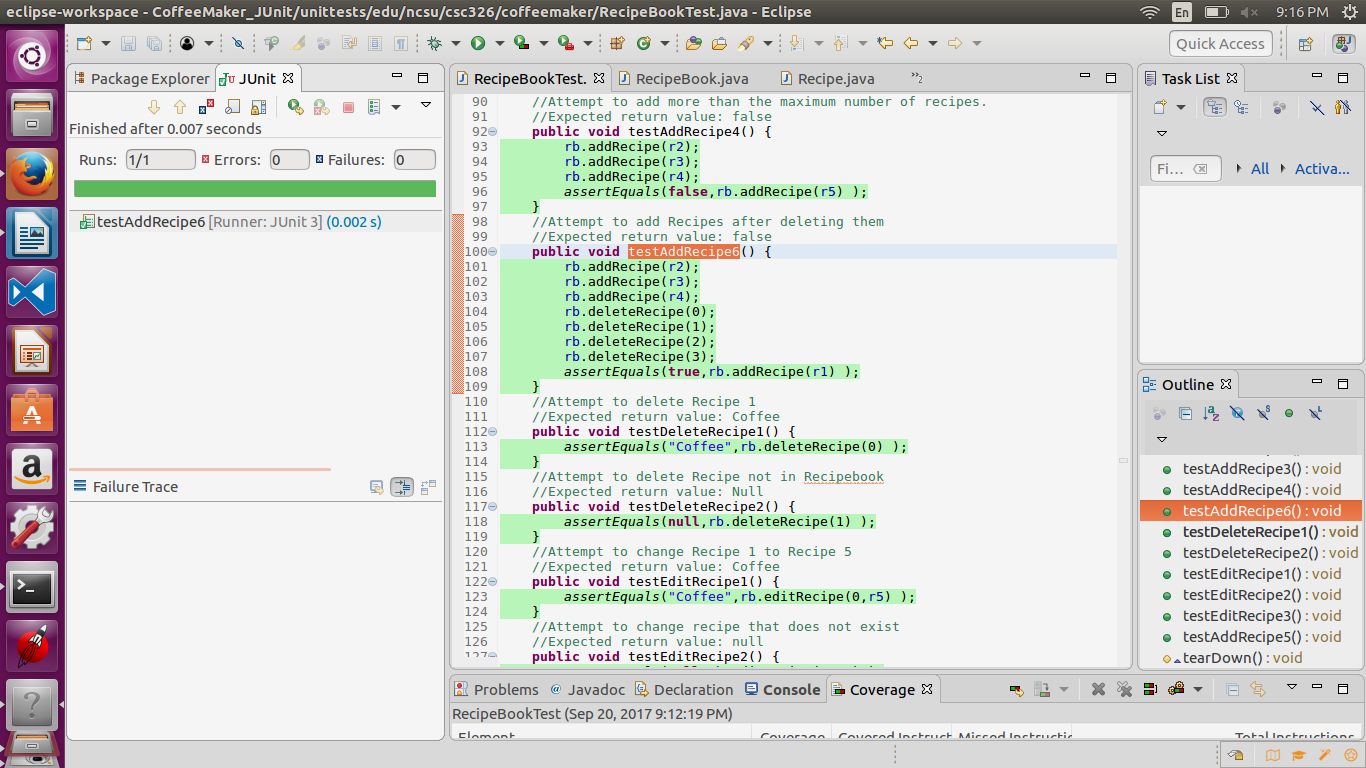
Code causing defect: deleteRecipe method



Defect 1 Solution: When recipe is removed, instead of replacing it with a blank recipe, replace it with null.

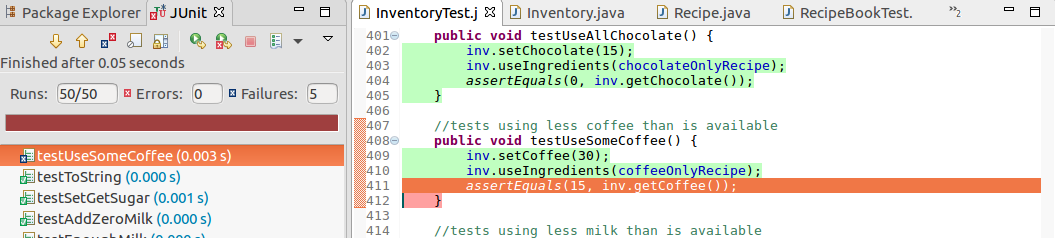


TestAddRecipe6 now passes

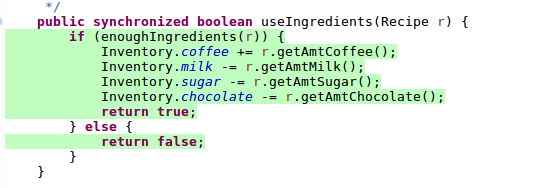


Defect 2: useIngredients does not consume the correct amount of coffee

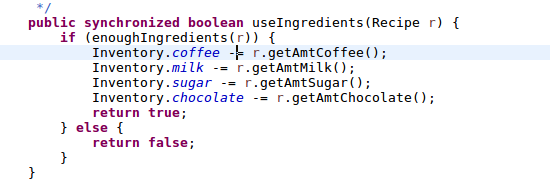
Failed unit test:



Code causing defect:



Defect 2 Solution: change Inventory.coffee += r.getAmtCoffee() to match the other statements deducting ingredients:



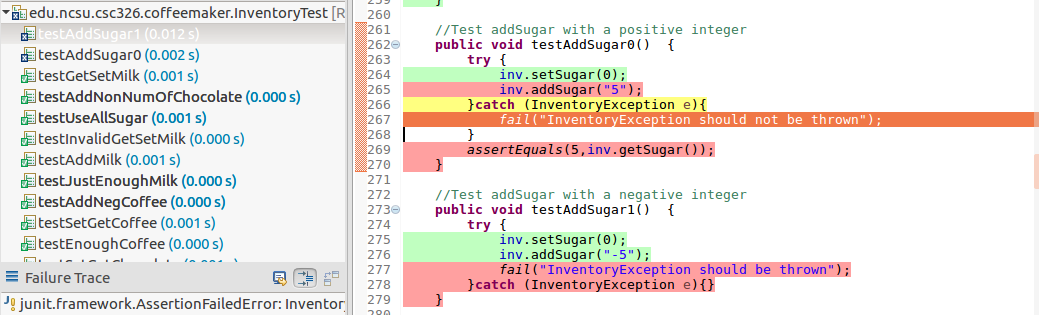
testUseSomeCoffee now passes:



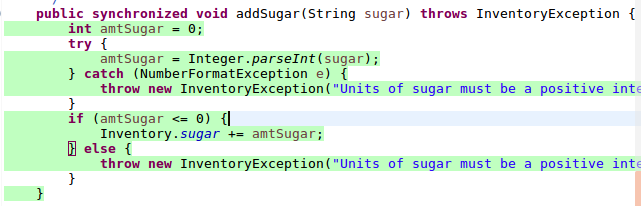
Defect 3: addSugar does not add correct amount of sugar, and throws exceptions on valid inputs

Failed unit tests:

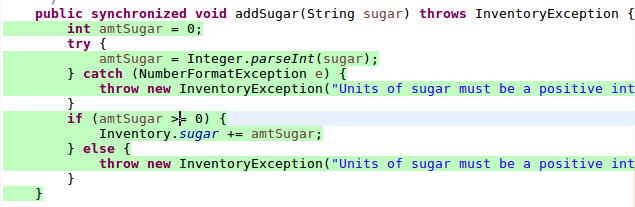
addSugar 0 and add Sugar1



Code causing defect:



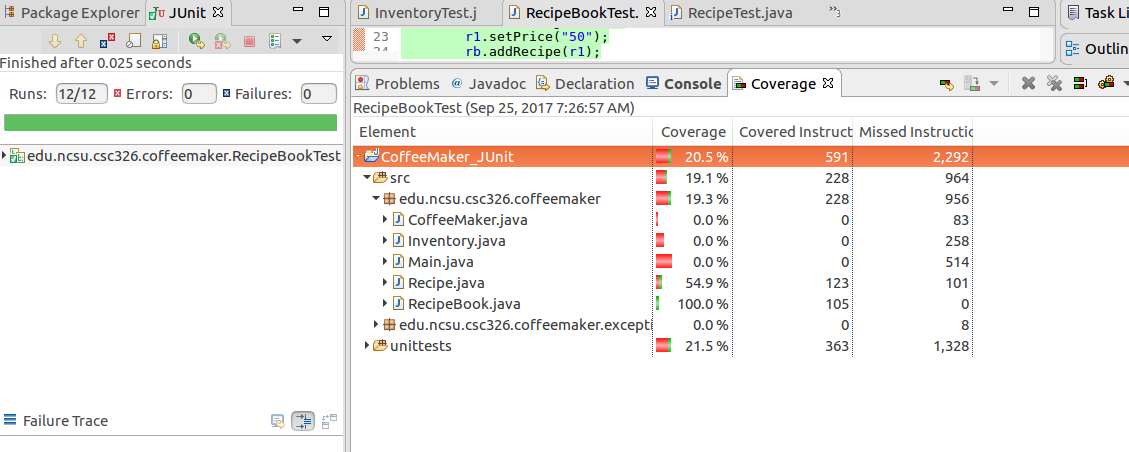
Defect 3 Solution: Change amtSugar <=0 to amtSugar >=0



addSugar0 and addSugar1 now pass:



100% Coverage of RecipeBook



100% Coverage of Recipe

