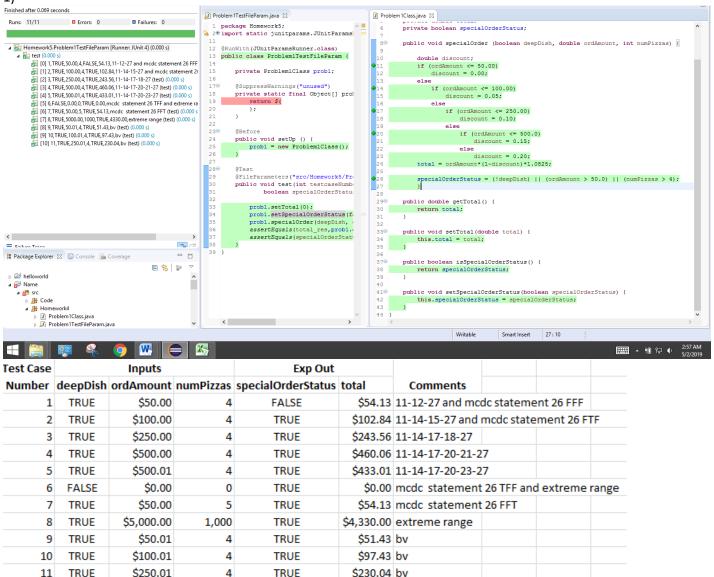
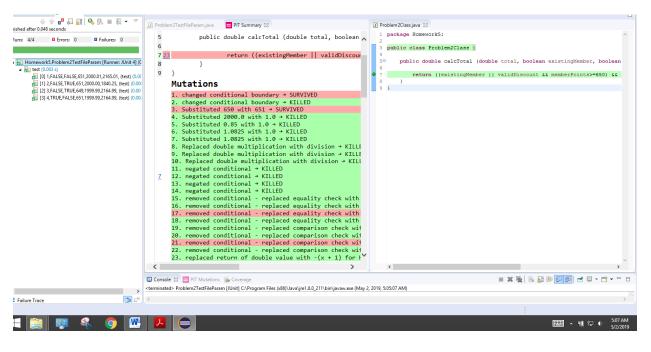
Golay Nie 1001678015 CSE 5321 Homework 5 Spring 2019

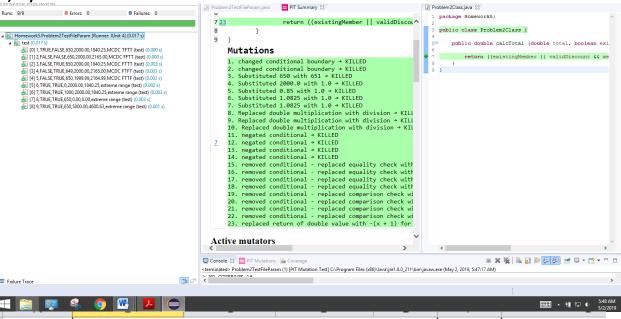




2) provided test cases (JaCoCo is all green because it covers decision and conditional coverage, but PIT won't be all green unless it gets in addition boundary value (BV) coverage:

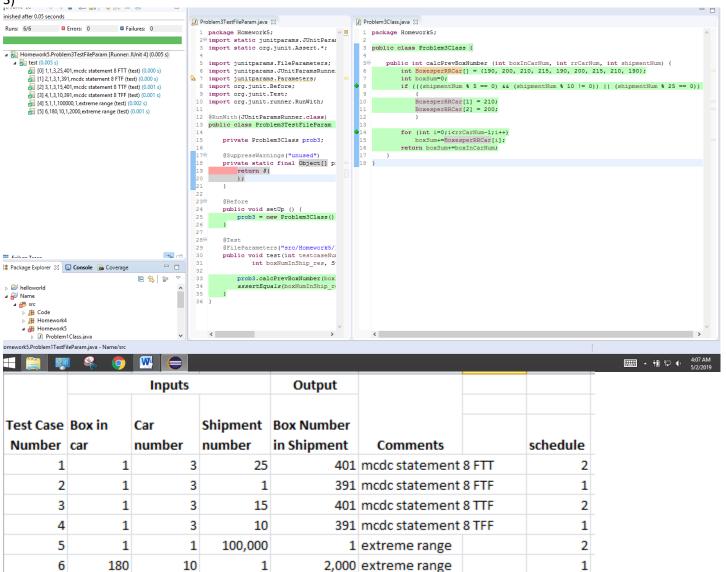


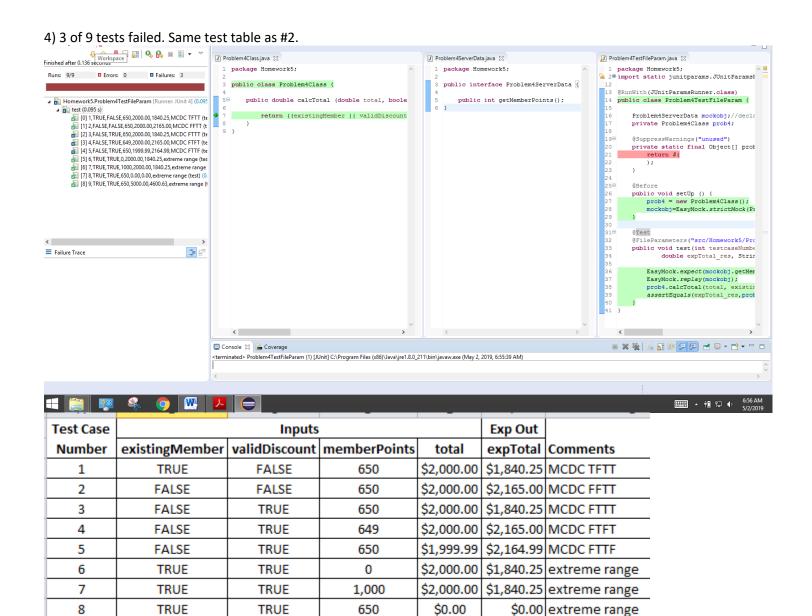
2) My test cases:



Test Case	Inputs				Exp Out	
Number	existingMember	validDiscount	memberPoints	total	expTotal	Comments
1	TRUE	FALSE	650	\$2,000.00	\$1,840.25	MCDC TFTT
2	FALSE	FALSE	650	\$2,000.00	\$2,165.00	MCDC FFTT
3	FALSE	TRUE	650	\$2,000.00	\$1,840.25	MCDC FTTT
4	FALSE	TRUE	649	\$2,000.00	\$2,165.00	MCDC FTFT
5	FALSE	TRUE	650	\$1,999.99	\$2,164.99	MCDC FTTF
6	TRUE	TRUE	0	\$2,000.00	\$1,840.25	extreme range
7	TRUE	TRUE	1,000	\$2,000.00	\$1,840.25	extreme range
8	TRUE	TRUE	650	\$0.00	\$0.00	extreme range
9	TRUE	TRUE	650	\$5,000.00	\$4,600.63	extreme range







9

TRUE

TRUE

650

\$5,000.00

\$4,600.63 extreme range