Testing of the Car.java class

Equivalence Partitionings

Negative
1   Initialize crashed during setup

Positive
2   Initialize car
3   Crash the car
4   Change velocity
5   Change position

Test log

default testcases	Expected	Eqivalence Partititoning	Result
requirementCarSetUpSuccessful()	True	2	Passed
requirementSetUpPositionSuccessful()	True	2	Passed
requirementCrashedIsFalseAfterSetUp()	False	1	Passed
requirementMarkedAsCrashedSuccessfull()	True	3	Passed
requirementCalculateAcceleratedPositionWithoutChangingThePosition()	True	4	Passed
requirementMoveCalculatedRight()	True	5	Passed
requirementAccelerateWithEveryPossibleParameterChangeVelocityOneTime()	True	4	Passed
requirementCalculateAccelerationCorrectInPositivePossibleXAndYDirectionsOnBoard()	True	4	Passed
requirementCalculateAccelerationCorrectInNegativePossibleXAndYDirectionsOnBoard()	True	4	Passed
requirementCalculateAccelerationCorrectInUpDiagonalUpRightDirection()	True	4	Passed
	True	4	Passed
requirementCalculateAccelerationCorrectInUpDiagonalUpLeftDirection()	True	4	Passed
requirementCalculateAccelerationCorrectInUpDiagonalDownRightDirection()	True	4	Passed
requirementCalculateAccelerationCorrectInUpDiagonalDownLeftDirection()	True	4	Passed
requirementCalculateAccelerationCorrectFromPositiveXMaximumToNegativXMaximumPosition()	True	4	Passed
requirementCalculateAccelerationCorrectFromPositiveYMaximumToNegativYMaximumPosition()	True	4	Passed
requirementCalculateAccelerationCorrectFromDiagonalUpRightToDownLeftPosition()	True	4	Passed
requirementCalculateAccelerationCorrectFromDiagonalUpLeftToDownRightPosition()	True	4	Passed

Screenshots

CarTest [Runner: JUnit 5] (0.000 s)
- requirementCalculateAccelerationCorrectInUpDiagonalDownRightDirection (0.000 s)
- requirementCalculateAccelerationCorrectFromPositiveXMaximumToNegativXMaximumPosition (0.000 s)
- requirementMarkedAsCrashedSuccessfull (0.000 s)
- requirementCalculateAccelerationCorrectInUpDiagonalDownLeftDirection (0.000 s)
- requirementCalculateAccelerationCorrectInUpDiagonalUpRightDirection (0.000 s)
- requirementCarSetUpSuccessful (0.000 s)
- requirementCalculateAccelerationCorrectFromPositiveYMaximumToNegativYMaximumPosition (0.000 s)
- requirementCalculateAccelerationCorrectFromDiagonalUpRightToDownLeftPosition (0.000 s)
- requirementCalculateAccelerationCorrectInUpDiagonalUpLeftDirection (0.000 s)
- requirementMoveCalculatedRight (0.000 s)
- requirementCalculateAccelerationCorrectFromDiagonalUpLeftToDownRightPosition (0.000 s)
- requirementCalculateAccelerationCorrectInNegativePossibleXAndYDirectionsOnBoard (0.000 s)
- requirementAccelerateWithEveryPossibleParameterChangeVelocityOneTime (0.000 s)
- requirementCalculateAccelerationCorrectInPositivePossibleXAndYDirectionsOnBoard (0.000 s)
- requirementSetUpPositionSuccessful (0.000 s)
- requirementCalculateAcceleratedPositionWithoutChangingThePosition (0.000 s)
- requirementCrashedIsFalseAfterSetUp (0.000 s)