

Test Name	Test Function	Description	Test Data	Expected Result	Pass/Fail
T01	canAddPackage	Test if a truck can add a package	tempWeight= 1000 tr->newWeight = 200 tempVolume= 15 tr->newVolume = 3	Package added successfully.	PASS
T02	calculateCapacity	Test calculation of truck capacity	weight: 1500 volume: 20	25%	PASS
T03	calculateCapacity	Test if a package exceeds max capacity	tempWeight= 1000 tr->newWeight = 200 tempVolume= 2000 tr->newVolume = 1000	exceed capacity	PASS
T04	calculatePath	Test path calculation for delivery	Source: (0, 0) Destination: (5, 5)	7.07 units	PASS