CSC 116 – 002 In-class Exercise # 8

Name: _____Solution_____ Unity ID: _____ Lab: _____

Write 5 test cases to test the following system. Use the table given below to record your test cases. Two test cases will test the equivalence classes and three will test the boundary.

You have been asked to write the software in an automatic ticketing machine that photographs the license plates of speeding vehicles. The speed limit of the road the machine is located on is 35 mph, but the machine allows for a car to go at most 10 mph over the speed limit. So if a car is going 45 mph or less, the driver does not receive a ticket. If the car I going faster than 45 mph, the driver does receive a ticket.

Test Case ID	Description	Expected Results	Actual Results
slowCar	Speed = **20**	Ticket? **No**	
fastCar	Speed = **60**	Ticket? **Yes**	
notQuiteSpeeding	Speed = **44**	Ticket? **No**	
speedLimit	Speed = **45**	Ticket? **No**	
justSpeeding	Speed = **46**	Ticket? **Yes**	