Diploma Challenge Unit Test Plan

Test	Test Data	Description/Steps	Expected Result	Actual Result	Pass/Fail

CalculateTotal()	2, 2.5
	1, 2.5
	5, 3
		Calculates the total of an order by multiplying quantity and price.
		Steps:
		1. Open test project in visual studio code or desired IDE and change directory to ..\Wade-Challenge\Wade-Challend\Challenge_Api\Tests
		2. Once in the correct directory run **"dotnet test"** in terminal
		
		Pseudocode
		
		BEGIN
		  NUMBER qty
		  FLOAT price
		  INPUT qty
		  INPUT price
		  TOTAL = qty * price
		  OUTPUT total
		END
			5
			2.5
			15		

CalculateGst()	10 100 500	Calculates the GST of an order (10% of total) **Steps:** 1. Open test project in visual studio code or desired IDE and change directory to ..\Wade-	1 10 50		

		Challenge\Wade-Challend\Challenge_Api\Tests
		
		2. Once in the correct directory run **"dotnet test"** in terminal
		
		Pseudocode
		
		BEGIN
		  NUMBER gst
		  INPUT total
		  gst = (total * 1.1) / 11
		  ROUND (gst, 2)
		  OUTPUT gst
		END			