Test Cases
Last Updated 9/06/2020

Status: Need more targeted cases based on code. Need more test cases in general.

Scenarios	Expected Outcome	Actual Outcome	Comments
Core			
Robot left of line	Moves closer to centre		
Robot Right of line	Moves closer to centre		
Robot straight on line	Keeps moving forward		
Robot hitting object	Either reverses course and tries to move around obstacle or restarts		
Robot takes picture	Should load correctly into program and be processed.		
Robot sets motors	Motor speeds should be set accordingly		
Robot travels wrong way	Detects incorrect travel direction if programmed to and turns around.		
Robot reaches flag	stops/finishes		
Completion/ Challenge			
Robot towards left wall	Moves closer to centre		
Robot towards right wall	Moves closer to centre		
Robot in centre of path	Keeps moving foward		
Challenge			
Other tests			
Robot cannot connect to server	Displays helpful error message		
Code Compile	Code should compile		

	properly		
Install instructions working.	Install instructions should be readable and work. With code running as an end result.		