

ENGR141 Grade Report: MATLAB 2 PA				
Name	Kathryn Atherton	Total Points Earned	15.5	
Team	59	Total Points Possible	20	
Grader	Casey Schilling	Percentage Earned	77.5%	
Grading System Message(s)		Individual Assignment Grade		
Does the program:		Pass	Part	Fail
Have correct filename?		0	NA	-0.5
Have no code standard issues?		0	-0.5	-1
Suppress all intermediate calculations?		1	0.5	0
Includes all given values for AR, e, k1, S, p, L?		1	0.5	0
Develop an array to indicate possible velocities?		1	0.5	0
Correctly calculate induced drag force?		1	0.5	0
Correctly calculate total drag force?		2	0.5	0
Use the plot command and hold on (or something similar) command?		2	1.0	0
Have plots that include a title, axis labels, and legend?		1	0.5	0
Subtotal		8.0	of 9	
Test Case 1				
Input	Output	Pass	Part	Fail
None	Plot. See Attached.	1	0.5	0
Subtotal		0.500	of 1	
Task 2				
Does flow diagram:		Pass	Part	Fail
Follow correct formatting shapes?		0	NA	-0.5
Follow flow diagram language independence?		0	NA	-0.5
Logically solve the given problem?		2	1	0
Subtotal		2.00	of 2	
Does program:		Pass	Part	Fail
Have correct filename?		0	NA	-0.5
Have no code standard issues?		0	-0.5	-1
Part B:				
Suppress all intermediate calculations?		0.5	0.25	0
Contain a function with the name ML2_PA_Task2b_login ?		1	0.5	0
Contain an array (or something similar) indicating all possible number outputs?		1	0.5	0
Output an array of 0s and 1s?		0.5	0.25	0
Part C:				
Suppress all intermediate calculations?		0.5	0.25	0
Contain a function with the name ML2_PA_Task2c_login ?		1	0.5	0
Contain an array (or something similar) indicating all possible number outputs? Give full credits to alternative methods (e.g.using conditional statements)		1	0.5	0
Outputs two arrays of 0s and 1s? Or a 2 by 7 matrix with 0s and 1s?		0.5	0.25	0
Determines the identity of the first and second digit?		1	0.5	0
Subtotal		5.00	of 7	
Test Case for Part B				
Input	Output	Pass	Part	Fail
7	ans = 1 0 1 0 0 1 0	0.5	0.25	0
Test Case for Part C				
Input	Output	Pass	Part	Fail
72	First Digit = 1 0 1 0 0 1 0 Second Digit = 1 0 1 1 1 0 1 or First and Second digits = [1 0 1 0 0 1 0; 1 0 1 1 1 0 1]	0.5	0.25	0
Subtotal		-	of 1	
Total		15.5 of 20		
Grader Comments				
Task 1: Looking for 2 plot lines on one graph so the difference in drag force can be easily compared.				
Task 2: Your array numbers must be off from the lights that we say should be turned on for each number.				