	MMME3085: Lab 1 Programming Assignment			
Stu	ident Name :		I.D. Number : Marked By	
General				
Use of commer	nts in code	1	[1]	
Use of meaningful v	variable names	1	[1]	
Interfacing to Different	Sensors			
Coding of thermis		2	[2]	
Coding of thermoco	ouple equations	2	[2]	
Use of correct va	**	1	[1]	
Function to conver voltag		1	[1]	
Function to convert	t degrees K to C	1	[1]	
Correct output in		1	[1]	
TwoSensors		1	[1]	
Quadrature Decoded Flowcharts				
Initialise state mac	hine flowchart	2	[2] Flowchart shows correct logic and well laid out [2], Sorme errors in logic or correct logic but difficult to follow [1]	
Coding of initialiseS	StateMachine()	3	[3] Flowchart well laid out with correct logic [3], Well laid out but small errors in logic OR correct logic but difficult to follow which could lead to errors in implementation[2], An attempt has been made but only small part of logic is correct OR layout makes flow very difficult to follow [1]	
Quadrature Decoded				
Good formatting in stateme Coding of initialises Coding updateEncoderSta	ents StateMachine() of	3	 [1] [2] Working code with correct use of if/else [3], Good attempt but mistake in logic or use of switch [2] [3] Correct use of switch statement [1] + Correct use of if/else/else if, as applicable [1] + Working code (ie correct logic) [1] 	
Correct output in	n screenshot	1	[1]	
Transfer of o		1	[1]	
Total M	lark	25		
General Comments				
General Comm	nents:			