CL249 - Assignment2

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Part 1 :

	Bisection		Newton-Raphson		Secant		Fixed-Point Iteration	
	Root	iterations	Root	iterations	Root	iterations	Root	iteration
Equation 1	1.0	0	1	0	0.9999999998088019	8	1.0	0
Equation 2	2.0	0	1	0	2.0	1	1.0	0
Equation 3	0.619061	19	0.619061	5	1.512134568722915	13	1.5121326283317675	31
Equation 4	0.740964	20	0.740964	3	0.740966	6	0.740965	1

Part 2:

	Newton-Raphson (Multivariate)		Fixed-Point Iteration (Multivariate)	
	Root	iterations	Root	iterations
Equation 5	[1.618033988749989,1.618033988749989]	5	[1.618033829661219,1.618033829661219]	12