1ark:	ing Sheet Assignment 2	CS370 Winter 2013	
N	ame:	ID:	
1.	(a) first order system	(2)	
	(b) Euler's method	(3)	
	(c) improved Euler's method	(3)	
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2.	(a) verify solution	(2)	
	(b) convert to first order system	(2)	
	(c) myEuler	(2)	
	(d) myImprEuler	(2)	
	(e) order of Euler	(3)	
	(f) order of improved Euler	(3)	
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3.	local truncation error		
			/10
4.	Matlab code:		
	- ODE	(3)	
	- event	(1)	
	- f(v ₀)	(2)	
	- main script	(4)	
	plots ((a) and (b))	(4)	
	results (table and comments)	(4)	
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