Answer sheet: Interpolation and Quadrature

	NAMI
art I. Preparatory exercises	Exercise 1
	Exercise 2
	Exercise :

EXERCISE 1

(Attach code)

Estimated order of accuracy using		
trapezoidal rule for I_1 :	Simpsons rule for I_1 :	
trapeziodal rule for I_2 :	Simpsons rule for I_2 :	
		Exercise 2
Number of function evaluations requi	ired to evaluate I_1 and I_2 respectivel	y:
Why are these numbers so different?		
		EXERCISE 3
Comments (similarities/differences be	etween the resulting polynomials fo	or various N):

EXERCISE 4

(attach plot)

Any Comments? (Note: not required to pass the lab)		
	Exercise 5	
	(attach code)	
Computed center of mass:		
	_	
	COMMENTS ON LAB	
From the series of a series of the series of		
Fun/boring, easy/difficult, suggestions for improvement:		