



Pitfall: "Functions" in Programs are not Functions in	Math
Be careful about terminology: • main is a "function"	
• in the syntactic sense of the C language (a set of variable declarations and a sequence of statements ending with a return statement)	
 but not necessarily in the mathematical sense. 	
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For exa	nnle			
	• although main does return an integer,			
	• we can write a program that returns a random integer from 0 to 255.			
Given th	Given the same inputs,			
 the value returned is not unique, and the value returned is not reproducible 				
	ng the program two time	s can give		
	nt answers).	1.0		
	properties are require hematical function.	d for		