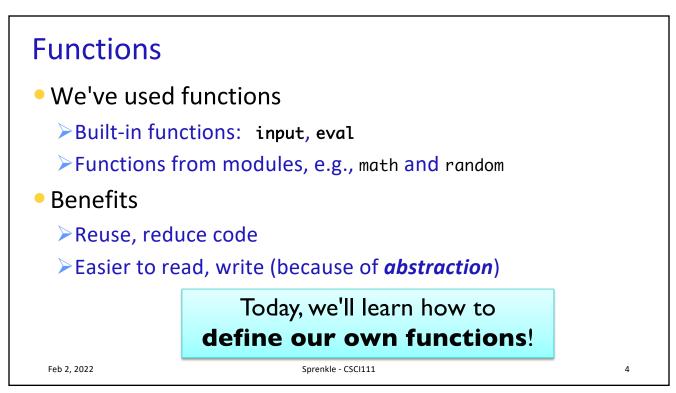
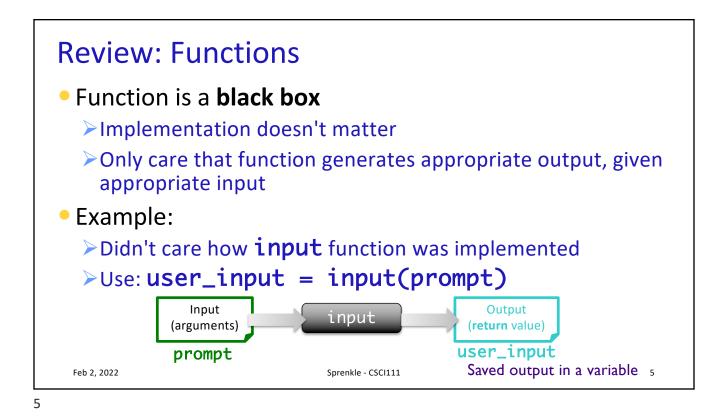
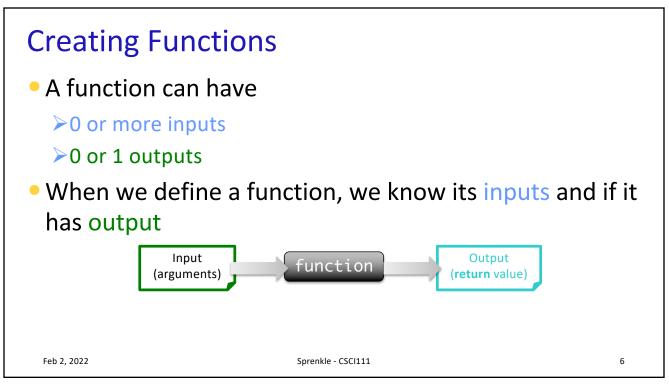
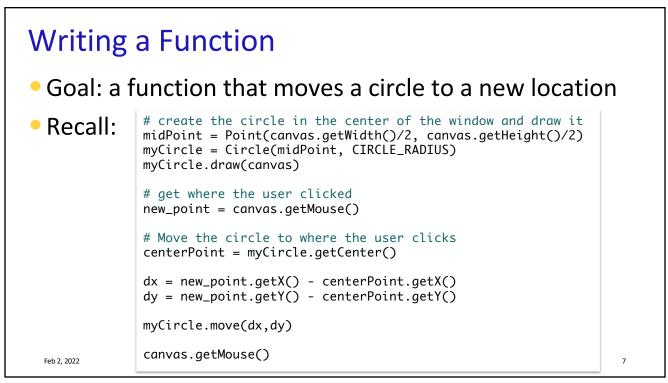


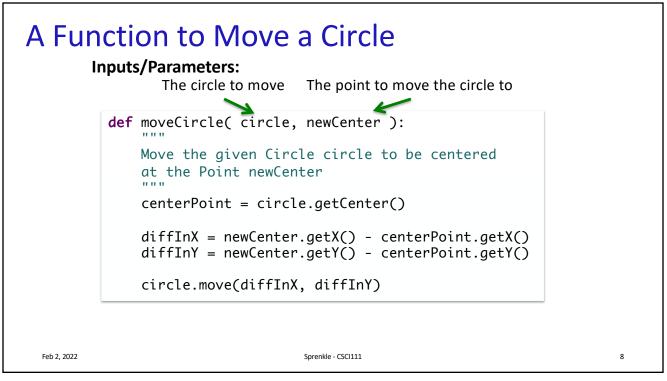
Looking behind the	curtain		
		'N FUNCTI	UNS

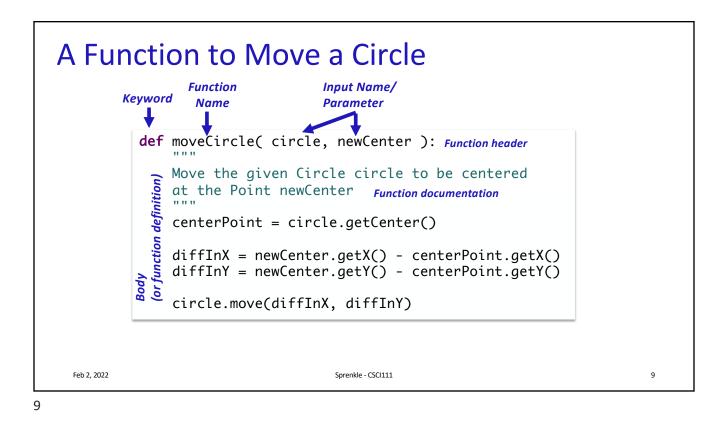


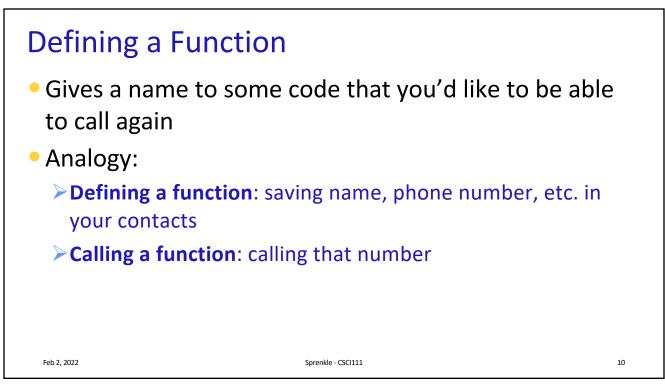


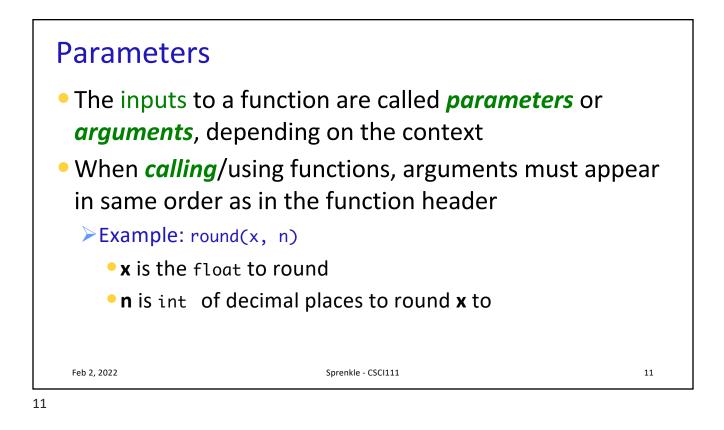


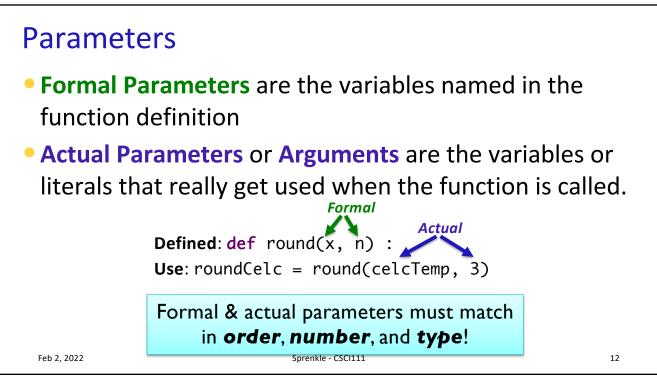




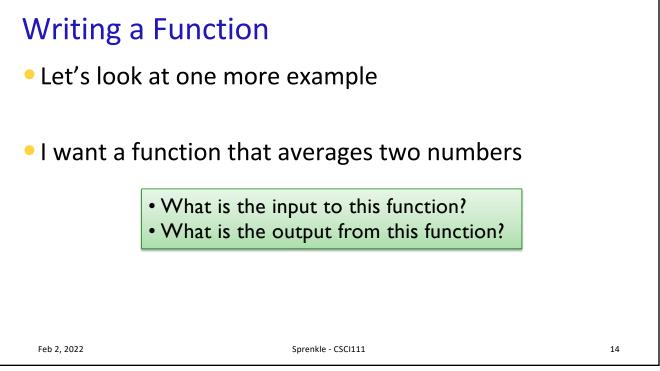


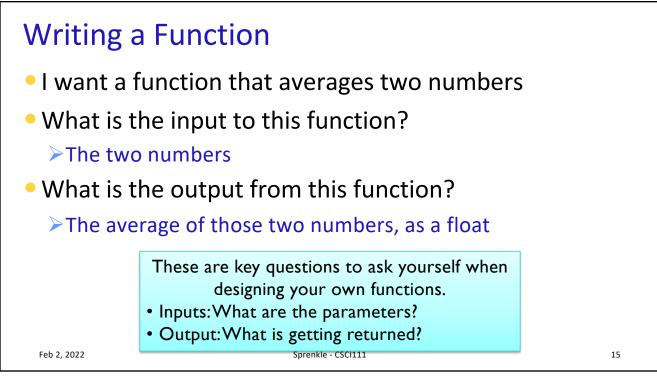


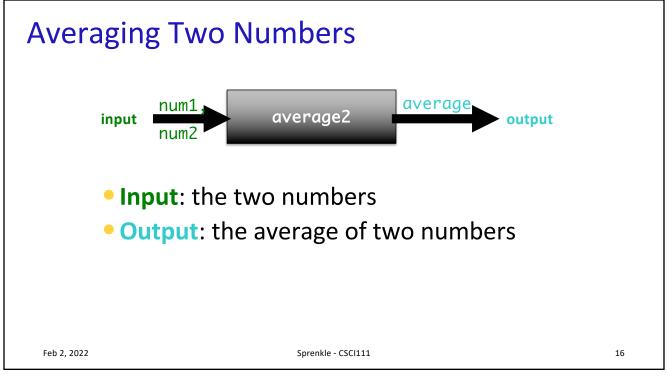


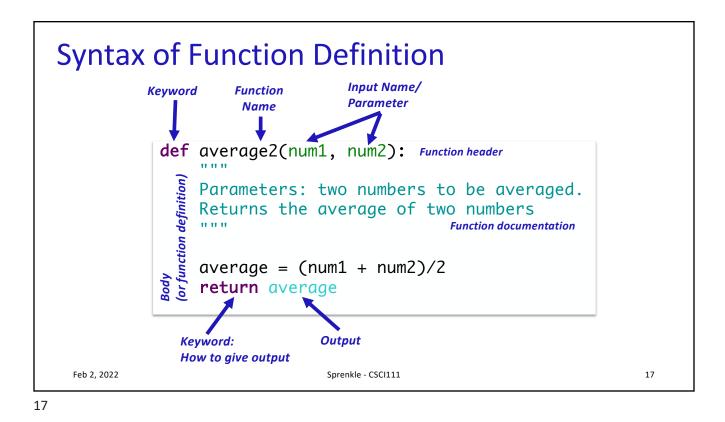


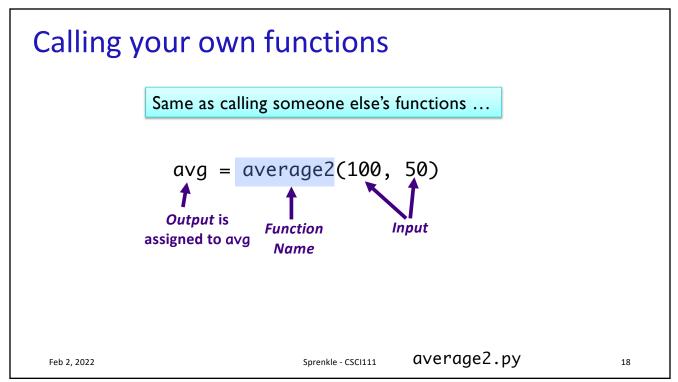
Cal	ling the Function	
	<pre># create the circle in the center of the window and draw it midPoint = Point(canvas.getWidth()/2, canvas.getHeight()/2) myCircle = Circle(midPoint, CIRCLE_RADIUS) myCircle.draw(win)</pre>	
	<pre># get where the user clicked new_point = canvas.getMouse()</pre>	
	<pre>moveCircle(myCircle, new_point)</pre>	
	The circle to move The point to move the circle to	
Same	as calling someone else's functions	
	Compare the code	
	circleShiftWithFunction.py	
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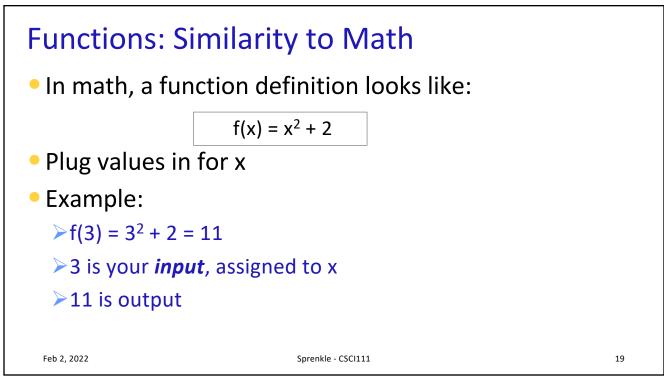


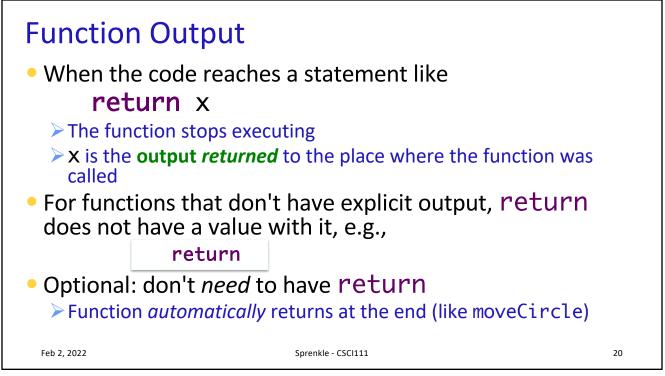


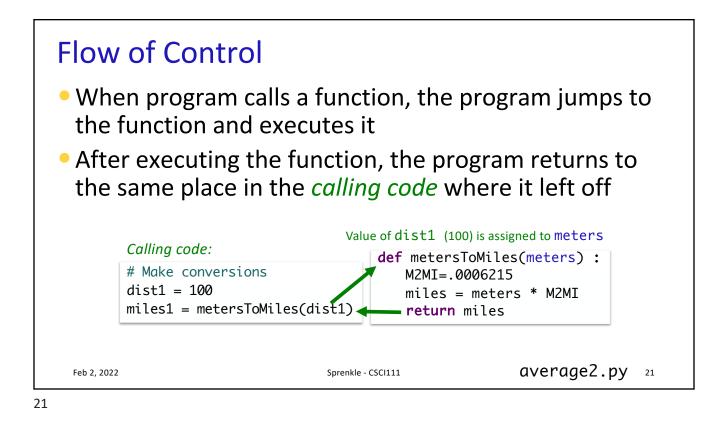


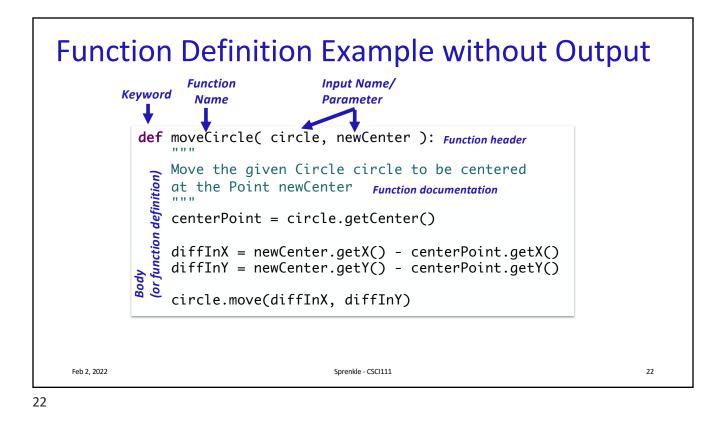


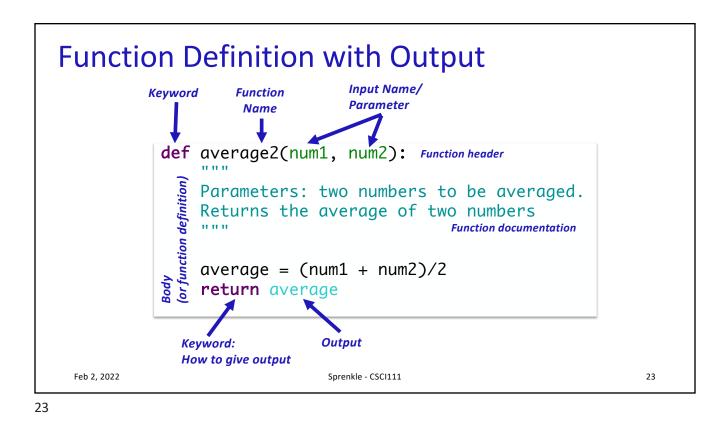


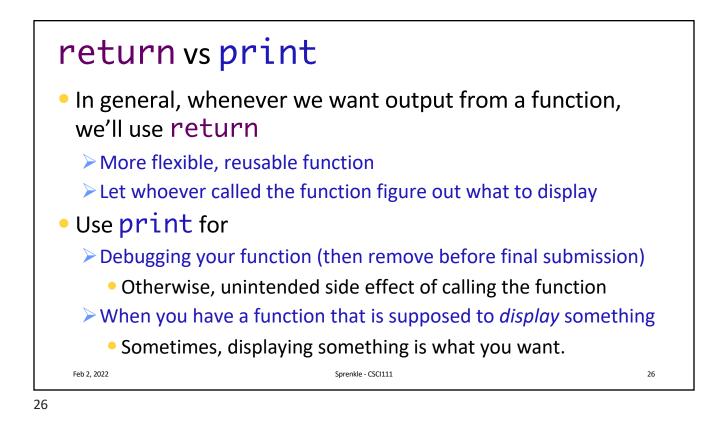


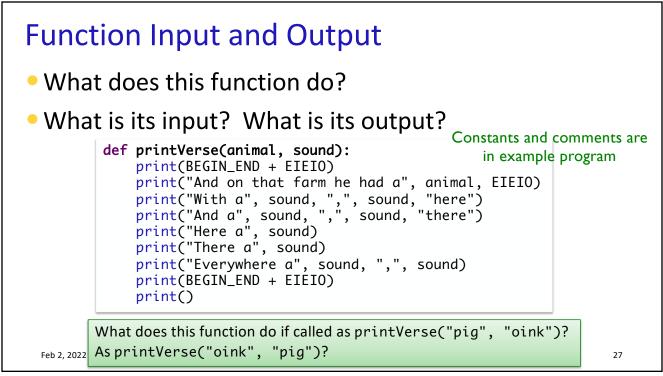


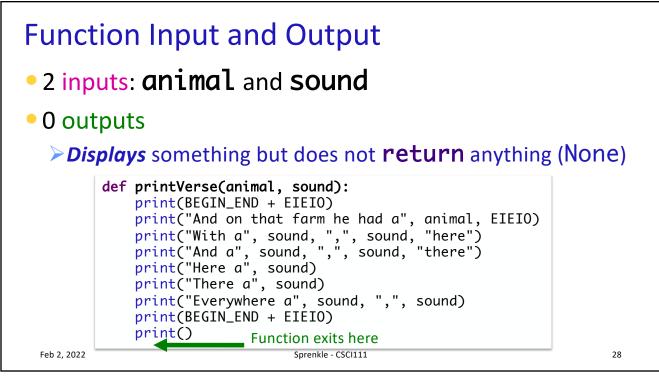


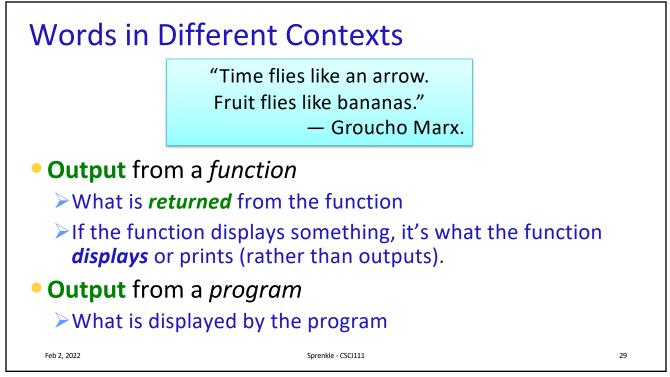




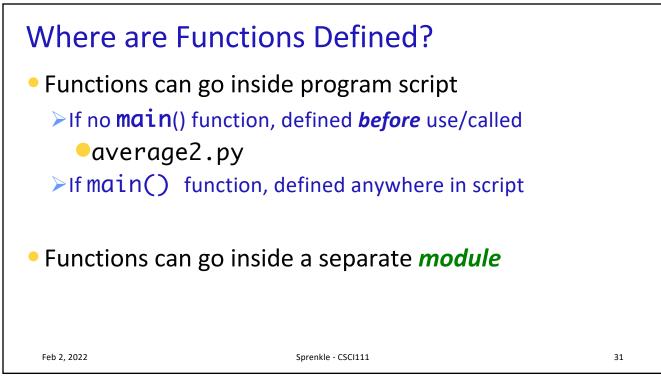




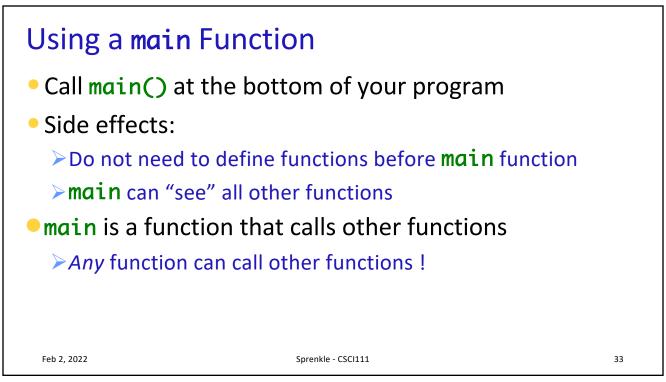


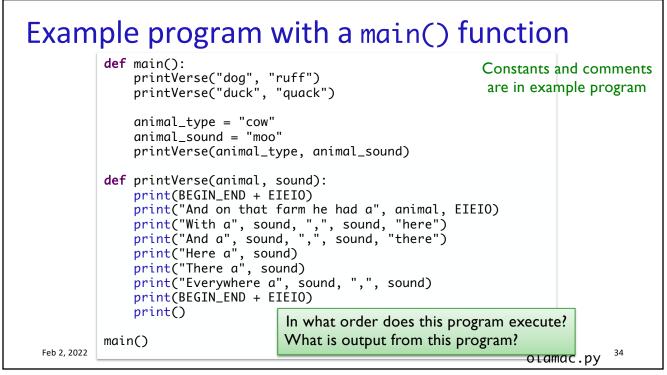


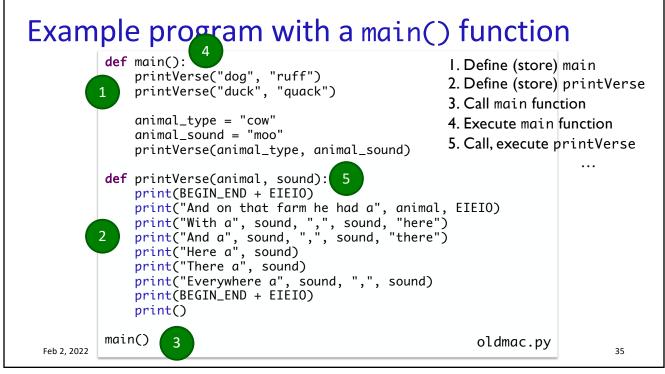
PROGRAM	ORGANIZATION	
PROGRAM	ORGANIZATION	

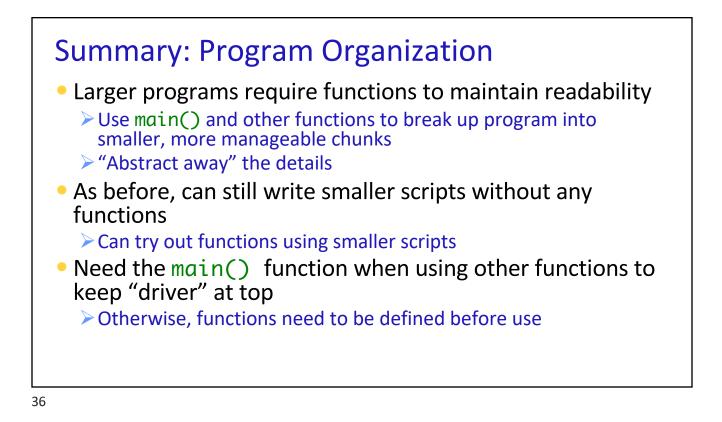


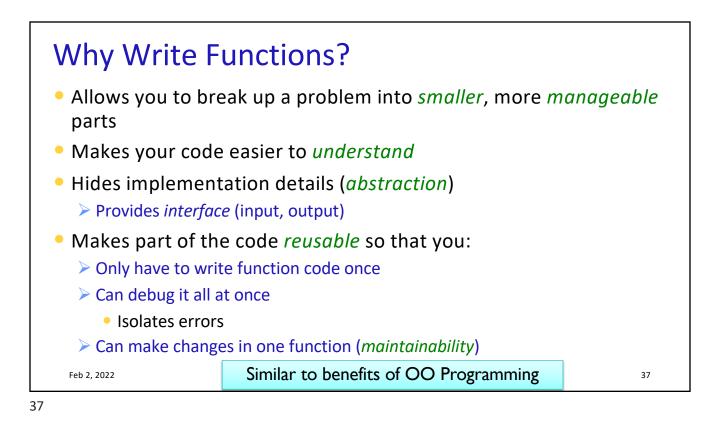
Program Organization: main function			
 In many languages, you put the "driver" for your program in a main function 			
You can (and should) do this in Python as well			
 Typically main functions are defined near the top of your program 			
Readers can quickly see an overview of what program does			
•main usually takes no arguments			
<pre>Example: def main():</pre>			
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VARIABLE LIFETIMES AND SCOPE

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