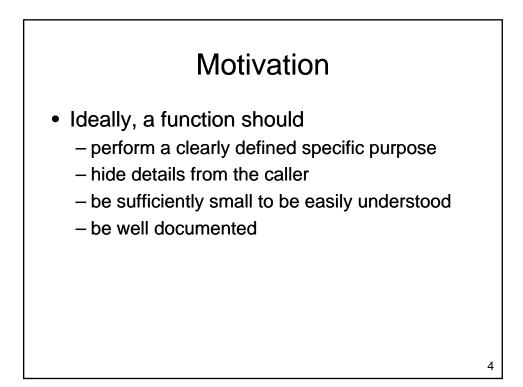
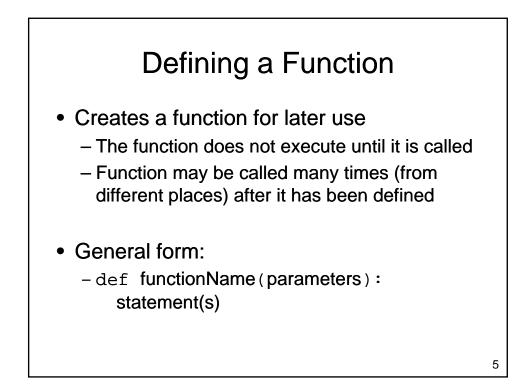


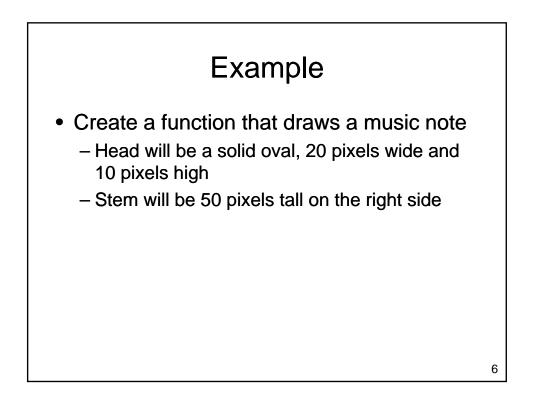
3

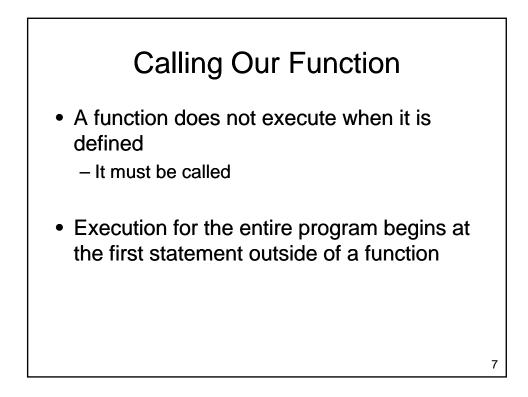


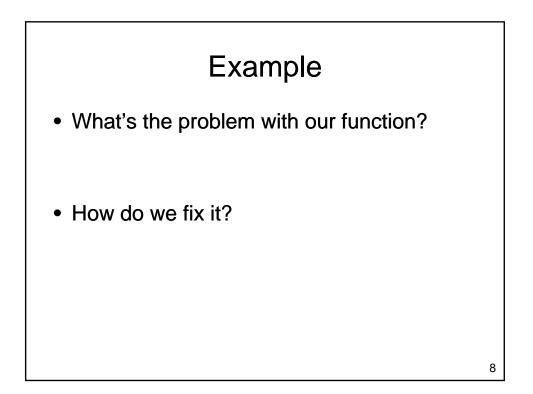
- What is a function?
 - A named set of statements
 - Perform some task
- Functions:
 - May take parameters
 - May return values
- What functions have you already used?







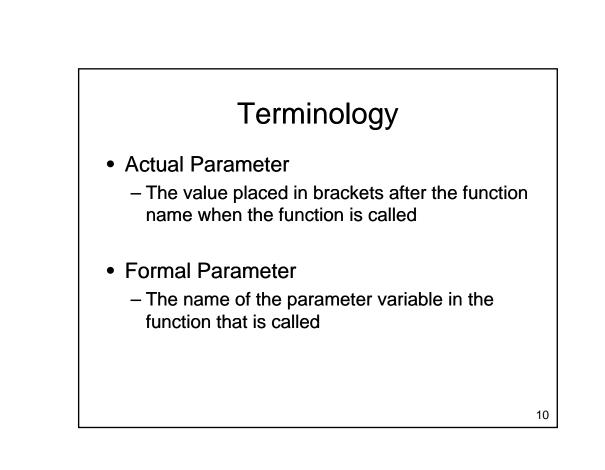


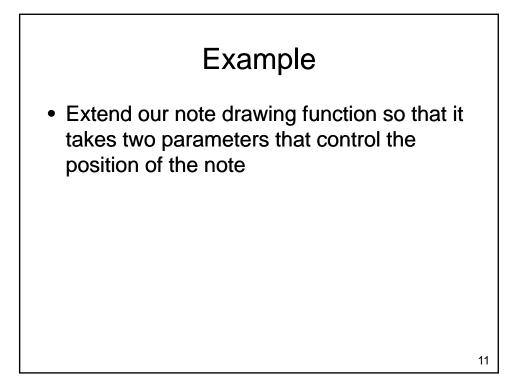


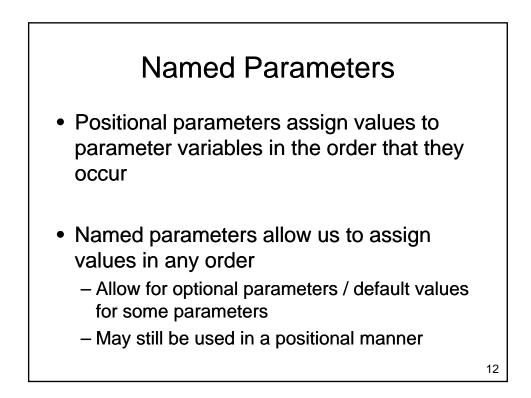
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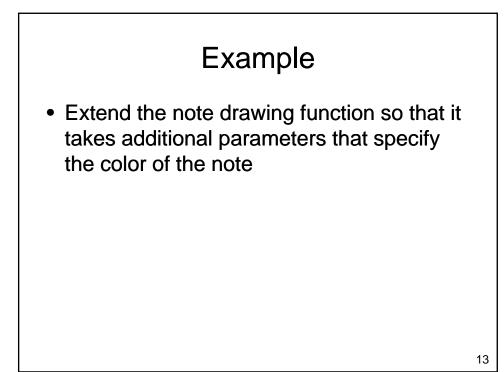


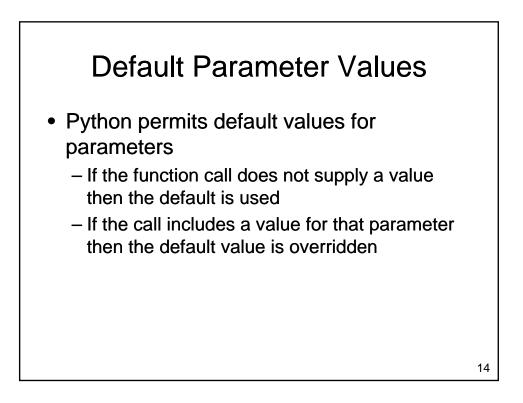
- Allow us to provide data to a function
 - Data is placed in brackets after the function name when the function is called
 - Parameter variables appear in brackets after the function name in the function definition
 - Values appear in parameter variables when the function executes
 - Parameters are positional

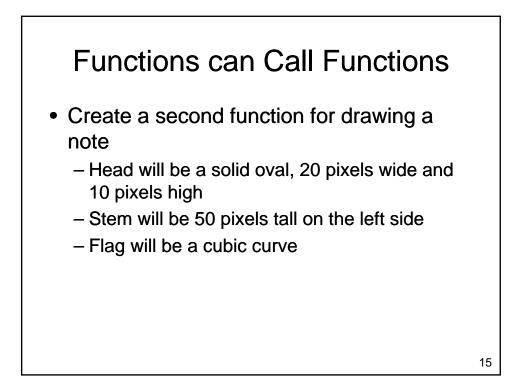


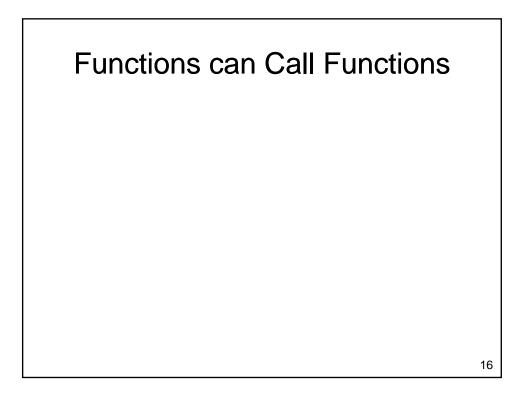


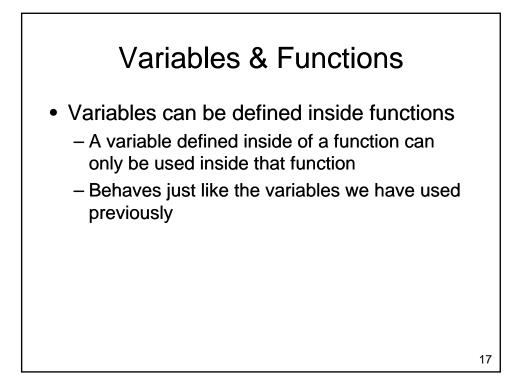


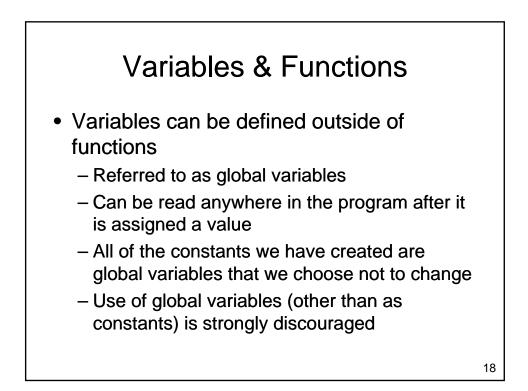


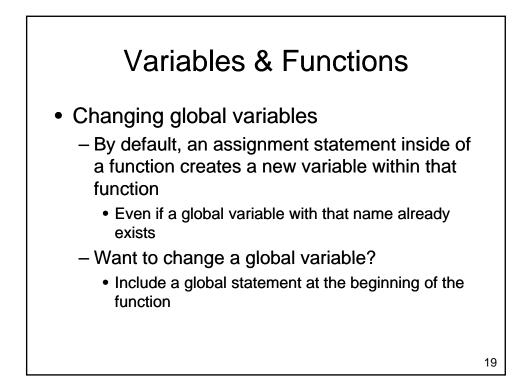


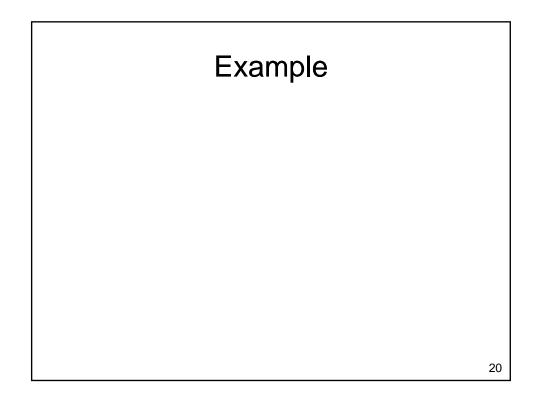


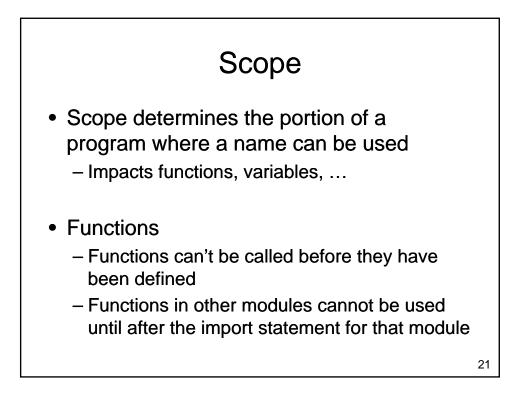


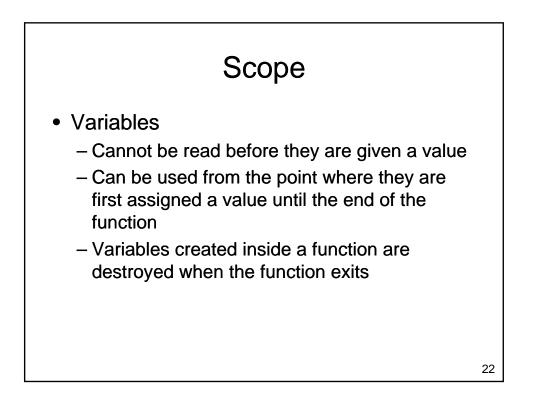








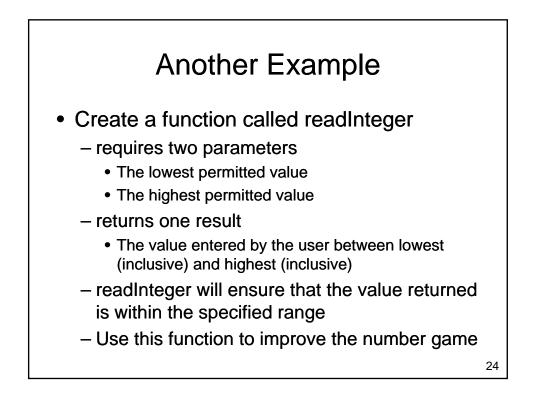




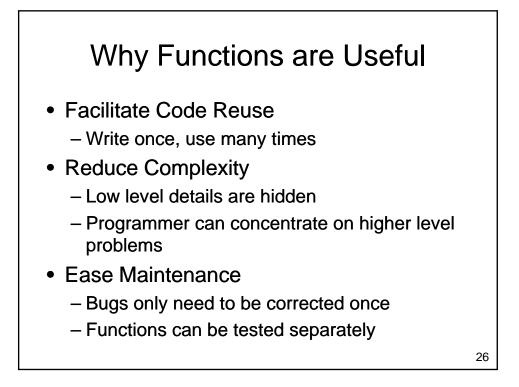


- Parameter variables hold values passed to a function from the calling scope
 - Parameter variables are normally read
 - It is also possible to store a new value into a parameter variable (don't usually do this!)
 - Value of the variable will change in the called function
 - For the types we have used so far, the value will not change in the main program











- Every function should begin with a comment
 - Describe the action taken by the function
 - Describe the parameters that need to be provided
 - Describe the value returned by the function



