Managing Multiple Values by Andrew Cain			
Act I: Set up the story			
The setting	Computers are unintelligent, but can process data quickly		
The protagonist	Developers need tools to make it possible to process lots of data		
The imbalance	Variables can store data, but lots of data?		
The balance	With the right tools processing lots of data is a simple loop away		
The solution	Use arrays to store multiple values in a single variable		
Act II: Develop the action			
5-Minute Column		15-Minute Column	45-Minute Column
See how arrays can be used to store and retrieve multiple values		An array is a variable that stores multiple values	
		Assignment statements can be	
		used to store values in arrays	
		You can read values from an	
		array within an expression	
		On the the factor of	
Define actions for <b>each</b> element of an array with little code using a <b>for</b> loop		See how the for loop moves an index variable from one value to another	
		Use the index variable with an	
		array to define the actions to perform for each element	
		Define code in the for loop to be	
		performed for each element of the array	
Put these concepts to practice by using arrays in your own programs		Create arrays to store multiple	
		values	
		Use functions and procedure to	
		manipulate these values using for loop	
		Pass arrays by reference to avoid copying all of the arrays values	
Turning point	ng point Will you be able to process large amounts of data in your programs?		
Act III: Frame the resolution			

Computers process data quickly, but plain variables need too much code...

Use arrays to store multiple values in a single variable

Start using arrays and for loops in your programs

Arrays make processing lots of data a simple loop away

The crisis

The solution

The climax

The resolution