## **Variables and Comparison Operators: Activity 2**

### **What is an Array?**

An array is a way to store more than one object of the same class in a single variable.

For example:

$String1 = “Everyone”

$String2 = “I”

$String 3 = Arrays”

$String4 = “Hello”

$String5 = “Like”

All of the above are strings. Storing each one of these in a separate variable is possible, but if they are all needed for roughly the same thing – or we need to perform an action on each one of these items – then an array may be more economical. The code to do this is also shorter than the above:

$StringArray = “Everyone”, “I”, “Arrays”, “Hello”, “Like”

To find the number of items in this array you can use:

$StringArray.Count

And to a return “Everyone” you can index into the first item in the array:

$StringArray[0]

Using the array index, write the phrase:

Hello

Everyone

I

Like  
Arrays

$StringArray[3] $StringArray[0] $StringArray[1] $StringArray[4] $StringArray[2]