1. What is an array with undefined values called?

**Sparse**

1. Code a for loop that iterates and prints out the individual scores of this array: var scores = [4, 5, 6, 8, 2, 5, 9, 3]

**For(var i=0; i<scores.length; i++){**

**Document.write(scores[i]+”<br>”);**

**}**

1. Code a for loop that iterates and prints out the highest score of this array: var scores = [4, 5, 6, 8, 2, 5, 9, 3]

**Var high=0;**

**For(var i=0; i<scores.length; i++){  
 if(high<scores[i]) {**

**high = scores[i];**

**}**

**}**

1. What is the index of the first item in an array?

**0**

1. What 2 main types of variables can be stored in an array?

**Int, string**

1. What is the relationship between the length of the array and an index of the array.

**Length = index+1 because index starts at 0**

1. An array is an \_\_\_\_\_\_\_\_\_ data structure.

**Ordered**

1. What is the value of an item in an array if you don’t specify one in the code?

**undefined**

1. When we iterate over an array, what property do we use to tell the for loop to stop?

**The middle part is the condition. If it does not meet the condition, then the for loop stops. (var i; i<\_\_; i++);**

^^^^

**If we want to loop through the entire array, then we use the arrayName.length as the property**

1. What is the operator that is used to increment a loop variable? (Hint: the answer is a single word that starts with a “P”)

**Post-increment, Pre-increment, ++(plusplus)**