**ARRAY FUN HOUSE I LAB INSTRUCTIONS**

**Lab Goal :** This lab was designed to teach you how to use an array.

**Lab Description :** Write several array manipulation methods. One method will sum up a section of a provided array, another method will count up how many of a certain number occur in the array, and the last method will remove all of a certain value from the array.

**Sample Data :**

[7, 4, 10, 0, 1, 7, 6, 5, 3, 2, 9, 7]

[7, 4, 2, 7, 3, 4, 6, 7, 8, 9, 7, 0, 10, 7, 0, 1, 7, 6, 5, 7, 3, 2, 7, 9, 9, 8,7]

**Files Needed ::**

**ArrayFunHouse.java  
ArrayFunHouseRunner.java**

**Sample Output :**

[7, 4, 10, 0, 1, 7, 6, 5, 3, 2, 9, 7]

sum of spots 3-6 = 14

sum of spots 2-9 = 34

# of 4s = 1

# of 9s = 1

# of 7s = 3

new array with all 7s removed = [4, 10, 0, 1, 6, 5, 3, 2, 9]

# of 7s = 0

[7, 4, 2, 7, 3, 4, 6, 7, 8, 9, 7, 0, 10, 7, 0, 1, 7, 6, 5, 7, 3, 2, 7, 9, 9, 8,7]

sum of spots 3-16 = 76

sum of spots 2-9 = 46

# of 0s = 2

# of 3s = 2

# of 7s = 9

new array with all 7s removed = [4, 10, 0, 1, 6, 5, 3, 2, 9]

# of 7s = 0

***basic array code***

**int[] array = {3,4,5,65,6,7,8,81};**

**for(int i=0; i<array.length; i++)**

**{**

**out.println(array[i]);**

**}**