

**CIS 255 - Java Programming  
Homework #8 (Notes)  
Array Methods**

**Name:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Use this declaration and initialization:**

```
int theList[] = new int[9];  
  
theList[0] = 0;  
theList[1] = 5;  
theList[2] = 10;  
theList[3] = 15;  
theList[4] = 20;  
theList[5] = 15;  
theList[6] = 10;  
theList[7] = 5;  
theList[8] = 0;
```

1. Write the method `aDiff(int list[])` which returns the difference of the data values in array `theList`.
2. Write the method `aNumZero(int list[])` which returns the number of data values in array `theList` that are zero.
3. Write the method `alsNotClear(int list[])` which returns true if any of the data values in array `theList` are not equal to zero, false otherwise.
4. Write the method `aNumMore(int list[], int x)` which returns the number of data values in array `theList` which are more than value `x`.