

**CIS 255 - Java Programming**  
**Homework #8**  
**Array Methods**

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

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

**Use this declaration and initialization:**

```
int theList[] = new int[4];  
  
theList[0] = 1;  
theList[1] = -7;  
theList[2] = 10;  
theList[3] = 23;
```

1. Write the method `aSum(int list[])` which returns the sum of the data values in array `theList`.
2. Write the method `aNumPos(int list[])` which returns the number of positive data values in array `theList`.
3. Write the method `aSumNeg(int list[])` which returns the sum of the negative data values In array `theList`.
4. Write the method `aMin(int list[])` which returns the smallest data value in array `theList`.
5. Write the method `alsClear(int list[])` which returns true if all data values in array `theList` are equal to zero, false otherwise.
6. Write the method `alsThere(int list[], int t)` which returns true if target value `t` is in array `theList`, false otherwise.
7. Write the method `aNumLess(int list[], int x)` which returns the number of data values in array `theList` which are less than value `x`.