

1) Write a method that accepts an array of ints as a **parameter**. The method should swap the first and last elements. It should NOT **return** anything.

2) What does the mysteryCount method count? (Hint: make a example array and see what the method does!)

```
private int mysteryCount(int[] v) {  
    int count = 0;  
    for(int i=0; i<v.length; i++) {  
        if(v[i] != 0)  
            break;  
        count++;  
    }  
    return count;  
}
```

3) An array of integers **scores** has at least two elements, and it's elements are arranged in **ascending** order ($\text{scores}[i] \leq \text{scores}[i+1]$). How could you write a simple expression that would determine if all the values in the array are the same? (Hint: do NOT use a loop or recursion). [The ascending order part is important!]

4) Finish this method that **returns** a **random** letter from the array - the odds of picking each letter is 3:5:6.

```
public char randomResult() {  
    char[] letters = {'r', 'r', 'r', 'p', 'p', 'p', 'p', 'p', 's', 's', 's', 's', 's', 's'};
```

```
}
```