Insertion Sort

```java
public static void iSort(int nums[]) {
    int i;
    int j;
    int k;
    i = 1;
    while (i < nums.length) {
        k = nums[i];
        j = i-1;
        while (j >= 0 && nums[j] > k) {
            nums[j+1] = nums[j];
            j = j-1;
        }
        nums[j+1] = k;
        i = i+1;
    }
}
```