

```

public class Bubblesort{
    static void bubblesort(int a[]){
        int n = a.length;
        int temp = 0;
        for(int i=0;i<n-1;i++){
            for(int j=0;j<n-i-1;j++){
                if(a[j] > a[j+1])
                {
                    //swapping
                    temp = a[j];
                    a[j] = a[j+1];
                    a[j+1] = temp;
                }
            }
        }
    }
    public static void main(String[] args){
        int a[]={1,4,5,6,2,3,9};
        System.out.println("array before sorting");
        for(int i=0;i<a.length;i++){
            System.out.println(a[i] + " ");
        }
        System.out.println();
        bubblesort(a);
        System.out.println("array after sorting");
        for(int i=0;i<a.length;i++){
            System.out.println(a[i] + " ");
        }
    }
}

```