

```
package ap_5;

public class BubbleSort {

    public static void main(String[] args){
        int[] arr= {42,12,6,18,56};
        bubbleSort(arr);
        for(int i=0;i<arr.length;i++){
            System.out.println(arr[i]);
        }
    }

    public static void bubbleSort(int[] arr){
        int len = arr.length;
        int temp = 0;
        for(int i=0;i<len;i++){
            for (int j=1;j<(len);j++){
                if(arr[j-1]>arr[j]){
                    temp = arr[j-1];
                    arr[j-1]= arr[j];
                    arr[j]= temp;
                }
            }
        }
    }
}
```

