**package** array;

//Bubble sort

**public** **class** BubbleSort {

**public** **static** **void** main(String[] args) {

**int** [] arr= {45,10,12,23,21,1,6,50,43,1};

**int** temp;

**for**(**int** i=0;i<arr.length;i++) {

**for**(**int** j=0;j<arr.length-1;j++) {

**if**(arr[j]>arr[j+1]) {

temp=arr[j];

arr[j]=arr[j+1];

arr[j+1]=temp;

}

}

}

**for**(**int** x=0;x<arr.length;x++) {

System.***out***.println(arr[x]);

}

}

}