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

**private** **static** **int**[] *myArray* = {9,7,2,4,1,5,3};

**private** **static** **int** *temp*;

**public** **int**[] bubbleSort(**int**[] myArray)

{

**for**(**int** i=myArray.length;i>0;i--)

{

**for**(**int** j=0;j<i-1;j++)

{

**if**(myArray[j+1]<myArray[j])

{

*temp* = myArray[j];

myArray[j]=myArray[j+1];

myArray[j+1]=*temp*;

}

}

System.***out***.println("The Array in Iteration "+(myArray.length-i)+" is : ");

**for**(**int** k=0;k<myArray.length;k++)

System.***out***.print(myArray[k]+ " ");

System.***out***.println();

}

**return** myArray;

}

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

// **TODO** Auto-generated method stub

System.***out***.println("The Array Before Sorting is :");

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

System.***out***.print(*myArray*[i]+ " ");

System.***out***.println("\n");

BubbleSort bubble = **new** BubbleSort();

*myArray*=bubble.bubbleSort(*myArray*);

System.***out***.println();

System.***out***.println("The Array After Bubble Sorting is :");

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

System.***out***.print(*myArray*[i]+ " ");

}

}

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

**private** **static** **int**[] *myArray* = {9,7,3,4,2,5,1};

**private** **static** **int** *temp*;

**public** **int**[] bubbleSort(**int**[] myArray)

{

**for**(**int** i=myArray.length;i>1;i--)

{

**for**(**int** j=0;j<i-1;j++)

{

**if**(myArray[j+1]<myArray[j])

{

*temp* = myArray[j];

myArray[j]=myArray[j+1];

myArray[j+1]=*temp*;

}

}

System.***out***.println("The Array in Iteration "+(myArray.length-i+1)+" is : ");

**for**(**int** k=0;k<myArray.length;k++)

System.***out***.print(myArray[k]+ " ");

System.***out***.println();

}

**return** myArray;

}

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

// **TODO** Auto-generated method stub

System.***out***.println("The Array Before Sorting is :");

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

System.***out***.print(*myArray*[i]+ " ");

System.***out***.println("\n");

BubbleSort bubble = **new** BubbleSort();

*myArray*=bubble.bubbleSort(*myArray*);

System.***out***.println();

System.***out***.println("The Array After Bubble Sorting is :");

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

System.***out***.print(*myArray*[i]+ " ");

}

}