**public** **class** SelectionSort {

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

**private** **static** **int** *temp*,*min*;

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

{

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

{

*min* = i;

**for**(**int** j=i+1;j<myArray.length;j++)

{

**if**(myArray[j]<myArray[*min*])

{

*min* = j;

}

}

*temp* = myArray[*min*];

myArray[*min*]=myArray[i];

myArray[i]=*temp*;

System.***out***.println("The Array in Iteration "+ (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

// **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");

SelectionSort select = **new** SelectionSort();

*myArray*= select.selectionSort(*myArray*);

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

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

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

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

}

}