package com.**java**2novice.algos;

public class MySelectionSort {

public static int[] doSelectionSort(int[] arr){

for (int i = 0; i < arr.length - 1; i++)

{

int index = i;

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

if (arr[j] < arr[index])

index = j;

int smallerNumber = arr[index];

arr[index] = arr[i];

arr[i] = smallerNumber;

}

return arr;

}

public static void main(String a[]){

int[] arr1 = {10,34,2,56,7,67,88,42};

int[] arr2 = doSelectionSort(arr1);

for(int i:arr2){

System.out.print(i);

System.out.print(", ");