


```

1  import java.util.Arrays;
2
3  class Main
4  {
5      public static void swap(int[] arr, int a, int b)
6      {
7          int temp = arr[a];
8          arr[a] = arr[b];
9          arr[b] = temp;
10     }
11
12     public static void bubbleSort(int[] arr, int x)
13     {
14         for (int a = 0; a < x - 1; a++) {
15             if (arr[a] > arr[a + 1]) {
16                 swap(arr, a, a + 1);
17             }
18         }
19         if (x - 1 > 1) {
20             bubbleSort(arr, x - 1);
21         }
22     }
23
24     public static void main(String[] args)
25     {
26         int[] arr = { 3, 6, 0, 8, 7, 9, -2 };
27
28         bubbleSort(arr, arr.length);
29
30         System.out.println("Author: S. kameswari \nSA");
31         System.out.println(Arrays.toString(arr));
32     }
33

```

⋮ Try Dcoder's keyboard 



x Terminal

```
Author:S.kameswari  
SAP ID:51834703  
[-2, 0, 3, 6, 7, 8, 9]
```

```
Process finished.  
█
```