



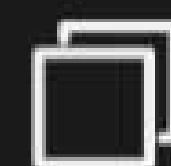
smallest.java



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```
1  import java.util.Arrays;
2  import java.util.List;
3  import java.util.PriorityQueue;
4
5  class Main
6  {
7      public static int findKthSmallest(List<Integer> arr, int k)
8      {
9          PriorityQueue<Integer> pq = new PriorityQueue<>();
10
11          while (--k > 0) {
12              pq.poll();
13          }
14
15          return pq.peek();
16      }
17
18      public static void main(String[] args)
19      {
20          List<Integer> I = Arrays.asList(7, 4, 6, 3, 5);
21          int x = 4;
22
23          System.out.println("Name : Sk.farheena\nSAP ID:51834710");
24          System.out.println("the 4th smallest element in the array is " +
25                              findKthSmallest(I, x));
26      }
27  }
28
```

✕ Terminal



Name : Sk.farheena

SAP ID:51834710

the 4th smallest element in the array is 6

Process finished.



```

1  import java.util.*;
2
3  public class Main {
4
5  static void reverseWords(String str)
6  {
7      System.out.println("name :sk.farheema\nSAP ID:51834710");
8      Stack<Character> st=new Stack<Character>();
9
10     for (int i = 0; i < str.length(); ++i) {
11         if (str.charAt(i) != ' ')
12             st.push(str.charAt(i));
13
14         else {
15             while (st.empty() == false) {
16                 System.out.print(st.pop());
17
18             }
19             System.out.print(" ");
20         }
21     }
22
23     while (st.empty() == false) {
24         System.out.print(st.pop());
25
26     }
27 }
28
29 public static void main(String[] args)
30 {
31     String str = "sona is my name";
32     reverseWords(str);
33 }
34 }

```

× Terminal 

```

name :sk.farheema
SAP ID:51834710
anos si ym eman
Process finished.

```