

```

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>
8      {
9          PriorityQueue<Integer> pq = new PriorityQueue<Integer>(
10
11          while (--x > 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(12,1,30,8,10);
21          int x = 4;
22
23          System.out.println("Name:pavan kumar");
24          System.out.println ("Sap id:51834695");
25          System.out.println("the 4th smallest element is:");
26                          findKthSmallest(I, x);
27      }
28  }

```

```
Name:pavan kumar  
Sap id:51834695  
the 4th smallest element in the array is 12  
Process finished.
```

```

1  import java.util.*;
2
3  public class Main {
4
5  static void reverseWords(String str)
6  {
7      System.out.println("Name:pavan kumar");
8      System.out.println ("Sap id:51834695");
9      Stack<Character> st=new Stack<Character>();
10
11     for (int i = 0; i < str.length(); ++i) {
12         if (str.charAt(i) != ' ')
13             st.push(str.charAt(i));
14
15         else {
16             while (st.empty() == false) {
17                 System.out.print(st.pop());
18
19             }
20             System.out.print(" ");
21         }
22     }
23
24     while (st.empty() == false) {
25         System.out.print(st.pop());
26
27     }
28 }
29
30 public static void main(String[] args)
31 {
32     String str = "don't use tik tok";
33     reverseWords(str);
34 }
35 }

```

Name:pavan kumar  
Sap id:51834695  
t'nod esu kit kot  
Process finished.