```java
import java.util.Arrays;
import java.util.Comparator;
import java.util.List;
import java.util.PriorityQueue;
class Main
{
    // Function to find the K'th smallest element
    public static int findKthSmallest(List<Intege
    {
        // create a max-heap using PriorityQueue
        PriorityQueue<Integer> pq = new PriorityQ
        pq.addAll(A.subList(0, k));
        // do for remaining array elements
        for (int i = k; i < A.size(); i++)
        {
            // if current element is less than th
            if (A.get(i) < pq.peek())
            {
                // replace root with the current
                pq.poll();
                pq.add(A.get(i));
            }}
        return pq.peek();
    }
    public static void main(String[] args)
    {
      System.out.println("K.Durga  sri sravya SAF
        List<Integer> A = Arrays.asList(7, 4, 6,
        int k = 4;
        System.out.println("K'th smallest element
                            findKthSmalles
    }}
```

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```
K.Durga  sri sravya SAPID:51836473
K'th smallest element in the array is 6

Process finished.
```

```java
1  import java.io.*;
2  import java.util.*;
3  class test {
4  // reverses individual words of a string
5  static void reverseWords(String str)
6  {
7      Stack<Character> st=new Stack<Character>();
8      // Traverse given string and push
9      for (int i = 0; i < str.length(); ++i) {
10         if (str.charAt(i) != ' ')
11             st.push(str.charAt(i));
12
13         // When we see a space, we print
14         // contents of stack.
15         else {
16             while (st.empty() == false) {
17                 System.out.print(st.pop());
18             }
19             System.out.print(" ");
20         } }
21     // Since there may not be space after
22     while (st.empty() == false) {
23         System.out.print(st.pop());
24     }
25 }
26 public static void main(String[] args)
27 {
28    System.out.println("K.Durga sri sravya SAPID:51
29 String str = "dog dark everyday and long tail";
30    reverseWords(str);
31 }
32 }
33
```

Terminal   ✕

```
K.Durga sri sravya SAPID:51836473
god krad yadyreve dna gnol liat
Process finished.
```