

```
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> I, int
8     {
9         PriorityQueue<Integer> pq = new PriorityQueue<>(I);
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(7, 4, 6, 3, 9, 1);
21         int x = 4;
22
23         System.out.println("Name:T.pravallika sapid:51834742");
24         System.out.println("the 4th smallest element in the ;
25                             findKthSmallest(I, x));
26     }
27 }
```

× Terminal



```
Name:T.pravallika sapid:51834742
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:T.pravallika sapid:518347442");
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 = "iam pravallika";
32        reverseWords(str);
33    }
34 }

```



Terminal



```

Name:T.pravallika sapid:518347442
mai akillavarp
Process finished.

```