

```

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 I, int x)
9     {
10         PriorityQueue<Integer> pq = new
11 PriorityQueue<>(I);
12
13         while (--x > 0) {
14             pq.poll();
15         }
16
17         return pq.peek();
18     }
19
20     public static void main(String[] args)
21     {
22         List<Integer> I = Arrays.asList(7, 4, 6, 3, 9,
23 1);
24         int x = 4;
25
26         System.out.println("Author:B.Vishnu priya\nSAP
27 ID:51834736");
28         System.out.println("the 4th smallest element in
29 the array is " +
30             findKthSmallest(I, x));
31     }
32 }

```

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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("Author:B.Vishnu priyaa\nSAP
8 ID:51834736");
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                 System.out.print(" ");
20             }
21         }
22
23         while (st.empty() == false) {
24             System.out.print(st.pop());
25         }
26     }
27
28     public static void main(String[] args)
29     {
30         String str = "please don't ban PUBG MOBILE";
31         reverseWords(str);
32     }
33 }
```

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Process finished.

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