

```
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 x)
8     {
9         PriorityQueue<Integer> pq = new PriorityQueue<>(I);
10
11         while (--x > 0) {
12             pq.poll();
13         }
14
15         return pq.peek();
16     }
```

⋮ File info ⓘ c void main(String[] args)



```
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("Author:v.pavankumar\nSAP ID:51834509");  
24     System.out.println("the 4th smallest element in the array is " +  
25         findKthSmallest(I, x));  
26 }  
27 }
```



× Terminal

Call



Author:v.pavankumar
SAP ID:51834509
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:v.pavankumar\nSAP ID:51834509");
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());
```



```
18         System.out.print(" ");
19     }
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 = "please don't ban PUBG MOBILE";
32     reverseWords(str);
33 }
34 }
```



x Terminal

Call



```
Author:v.pavankumar  
SAP ID:51834509  
esaelp t'nod nab GBUP ELIBOM  
Process finished.
```