

```
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 }
```

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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: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());
17
18            }
19            System.out.print(" ");
20        }
21    }
22 }
```

File info ⓘ



```
18     System.out.print(" ");
19 }
20 }
21 }
22 while (st.empty() == false) {
23     System.out.print(st.pop());
24 }
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 }
```

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Process finished.