

```

7  System.out.println("Author:K. Iresa Tejaswini\nS
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());

```

u.java 

Saved



```
1  java.util.Arrays;
2  java.util.List;
3  java.util.PriorityQueue;
4
5  ain
6
7  lic static int findKthSmallest(List<Integer> I,
8
9  PriorityQueue<Integer> pq = new PriorityQueue<>()
10
11  while (--x > 0) {
12      pq.poll();
13  }
14
15  return pq.peek();
16
17
18  lic static void main(String[] args)
19
20  List<Integer> I = Arrays.asList(7, 4, 6, 3, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27);
21  int x = 4;
22
23  System.out.println("Author:K. Tresa Tejaswini\n");
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.

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Process finished.