

```

1  import java.util.*;
2
3  public class Main {
4
5      static void reverseWords(String str)
6      {
7          System.out.println("Author:P.Kathyayani");
8          System.out.println("SAP ID:51834723");
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                 }
20                 System.out.print(" ");
21             }
22         }
23
24         while (st.empty() == false) {
25             System.out.print(st.pop());
26
27         }
28     }
29
30     public static void main(String[] args)
31     {
32         String str = "Welcome to HCL";
33         reverseWords(str);
34     }
35 }

```

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SAP ID:51834723
emocleW ot LCH
Process finished.

```
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     }
```

```
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:P.Kathyayani\nSAP ID:51834723");
24     System.out.println("the 4th smallest element in the array is " +
25                         findKthSmallest(I, x));
26 }
27 }
```

```
Author:P.Kathyayani  
SAP ID:51834723  
the 4th smallest element in the array is 6  
  
Process finished.
```

JAVA_QUIZ_DAY_10

Attempts allowed: 1

This quiz opened at Wednesday, 29 July
2020, 3:00 PM

This quiz will close at Wednesday, 29 July
2020, 4:00 PM

Time limit: 30 mins

SUMMARY OF YOUR PREVIOUS ATTEMPTS

	Marks /	Grade /	
State	20.00	10.00	Review
Finished	13.00	6.50	
Submitted			
Wednesday, 29 July 2020, 3:34 PM			

YOUR FINAL GRADE
FOR THIS QUIZ IS
6.50/10.00.