

```

import java.util.*;

public class Main {

    static void reverseWords(String str)
    {
        System.out.println("Author: B.Naveen \nSAP ID: 123456789");
        Stack<Character> st=new Stack<Character>();

        for (int i = 0; i < str.length(); ++i) {
            if (str.charAt(i) != ' ')
                st.push(str.charAt(i));

            else {
                while (st.empty() == false) {
                    System.out.print(st.pop());
                }
                System.out.print(" ");
            }
        }

        while (st.empty() == false) {
            System.out.print(st.pop());
        }
    }

    public static void main(String[] args)
    {
        String str = "Hello how are you doing?.Hope all are doing well";
        reverseWords(str);
    }
}

```

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olleH woh era uoy epoH.?gniod lla llew

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<>();
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);
21          int x = 4;
22
23          System.out.println("Author: B. Naveen \nSAP");
24          System.out.println("the 4th smallest element is: " +
25                          findKthSmallest(I, x));
26      }
27 }

```

```
Author: B.Naveen  
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the 4th smallest element in the array is 6  
Process finished.
```