



J2.java

Saved



```
import java.util.*;

public class Main {

    static void reverseWords(String str)
    {
        System.out.println("Author:k.jithendra");
        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 = "please don't ban PUBG MOBILE";
        reverseWords(str);
    }
}
```

× Terminal



```
Author:k.jithendra
esaelp t'nod nab GBUP ELIBOM
Process finished.
```



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```
import java.util.Arrays;
import java.util.List;
import java.util.PriorityQueue;

class Main
{
    public static int findKthSmallest(List<Integer> list)
    {
        PriorityQueue<Integer> pq = new PriorityQueue<>();

        while (--x > 0) {
            pq.poll();
        }

        return pq.peek();
    }

    public static void main(String[] args)
    {
        List<Integer> I = Arrays.asList(7, 4, 6, 5, 3, 2, 1);
        int x = 4;

        System.out.println("Author:k.jithendra");
        System.out.println("the 4th smallest element is:");
        findKthSmallest(I, x);
    }
}
```