



```
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(99, 11, 66, 111, 444, 0, 88);
21         int x = 4;
22
23         System.out.println("Ch. Koteswara Rao\nSAP ID:51834554");
24         System.out.println("the 4th smallest element in the array is\n" +
25                             findKthSmallest(I, x));
26     }
27 }
```





Ch. Koteswara Rao

SAP ID:51834554

the 4th smallest element in the array is 99

Process finished.





lucky3.java



Saved

```
1 import java.util.*;
2 interface Laptop{
3     abstract public void area();
4     abstract public void company();
5     abstract public void ram();
6 }
7 class Your_name implements Laptop{
8     public void area(){
9         System.out.println("90 sq.in");
10    }
11    public void company(){
12        System.out.println("company is acer");
13    }
14    public void ram(){
15        System.out.println("12 gb ram");
16    }
17
18    public static void main(String[] args){
19        Your_name o=new Your_name();
20        System.out.println("Ch. Koteswara Rao\nSAP ID: 51834554");
21
22        o.area();
23        o.company();
24        o.ram();
25    }
26 }
```





Ch. Koteswara Rao
SAP ID: 51834554
90 sq.in
company is acer
12 gb ram

Process finished.





lucky5.java

Saved



```
1 import java.util.*;
2
3 public class Main {
4
5     static void reverseWords(String str)
6     {
7         System.out.println("Ch. Koteswara Rao\nSAP ID:51834554");
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());
25
26        }
27    }
28
29    public static void main(String[] args)
30    {
31        String str = "drop a like if you don't hate me";
32        reverseWords(str);
33    }
34 }
```





Ch. Koteswara Rao

SAP ID:51834554

pord a ekil fi uoy t'nod etah em

Process finished.

