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

class FourthLargest
{
  public static int findKthSmallest(List<Integer> I, int x)
  {
    PriorityQueue<Integer> pq = new PriorityQueue<>(I);

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

    return pq.peek();
  }

  public static void main(String[] args)
  {
    List<Integer> I = Arrays.asList(10, 18, 6, 25, 9, 14);
    int x = 4;

    System.out.println("Author:K.Naga sravanthi\nSAP ID:51834497");
    System.out.println("the 4th smallest element in the array is " +
            findKthSmallest(I, x));
  }
}
```

```
Author:K.Naga sravanthi
SAP ID:51834497
the 4th smallest element in the array is 14

Process finished.
```

```java
1   import java.util.*;
2   class Series{
3     public static void main(String args[]){
4         Scanner sc=new Scanner(System.in);
5         System.out.println("K.Naga Sravanthi \n5183449
6         System.out.println("enter the n");
7         int n=sc.nextInt();
8         for(int i=1;i<n+2;i++){
9           for(int j=1;j<i;j++){
10             System.out.print(j+",");
11           }
12           System.out.print(" ");
13         }
14       }
15
16
17   }
```

✕ Terminal

```
K.Naga Sravanthi
51834497
enter the n
5
 1, 1,2, 1,2,3, 1,2,3,4, 1,2,3,4,5,
Process finished.
```

```java
import java.util.*;
interface Laptop{
   abstract public void area();
   abstract public void company();
   abstract public void ram();
}
class Your_name implements Laptop{
 public void area(){
    System.out.println("100 sq.in");
 }
 public void company(){
    System.out.println("company is asus");
 }
 public void ram(){
    System.out.println("12 gb ram");
 }

public static void main(String[] args){
   Your_name o=new Your_name();
System.out.println("k.Naga Sravanthi\n51834497");

   o.area();
   o.company();
   o.ram();
}
}
```

✕ Terminal   ⧉

k.Naga Sravanthi
51834497
100 sq.in
company is asus
12 gb ram

Process finished.

```java
import java.util.*;

public class ReverseString {

static void reverseWords(String str)
{
    System.out.println("Author:K.Naga sravanthi\nSA
    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 = "stay home stay safe all is well";
    reverseWords(str);
}
}
```

```
Author:K.Naga sravanthi
SAP ID:51834497
yats emoh yats efas lla si llew
Process finished.
```