```java
import java.io.*;

import java.util.*;

class GFG {

    public static void main (String[] args) throws IOException {

        BufferedReader br = new BufferedReader(new InputStreamReader(System.in));

        int t = Integer.parseInt(br.readLine().trim()); //Inputting the testcases

        while(t-->0){

            int n = Integer.parseInt(br.readLine().trim());

            int arr[] = new int[n];

            String inputLine[] = br.readLine().trim().split(" ");

            for(int i=0; i<n; i++){

                arr[i] = Integer.parseInt(inputLine[i]);

            }

            int maxEle = arr[n-1];

            StringBuffer str = new StringBuffer();

            ArrayList<Integer> res = new ArrayList<Integer>();

            for(int i=n-1; i>=0; i--) {

                if(arr[i] >= maxEle){

                    maxEle = arr[i];

                    res.add(maxEle);

                }

            }

            for(int i=res.size()-1; i>=0; i--){
```

```java
                str.append(res.get(i)+" ");
            }
            System.out.println(str);
        }
    }
}
```