- **EASY**
- **Max Score: 30 Points**

String to Integer array

You are given a string s, consisting of , separated positive integers. You need to form an array by extracting these integers from the given string.

It is guaranteed that the formed integers will fit in 32-bit signed integer.

Input Format

The first line contains the number of test cases.

For each test case: The first line contains the string s

Output Format

For each test case print the final formed array.

Example 1

Input

```
1
1321,3213,424,124
```

Output

```
1321 3213 424 124
```

Explanation

The first integer is 1321 which is separated from 3213 by ','. 3213 is separated from 424 which is further separated from 124.

Example 2

Input

```
1
89,82,21
```

Output

```
89 82 21
```

Explanation

The first integer is 89 which is separated from 82 by ','. 82 is separated from 21.

Constraints

1 <= T <= 10

1 <= |S| <= 100000

My code

// in java
import java.io.*;
import java.util.*;

```java
public class Main {

    static ArrayList<Integer> arrayGenerator(String s){
            String arr[]=s.split(",");
            ArrayList<Integer> a=new ArrayList<Integer>();
            for(int i=0;i<arr.length;i++)
                {
                        a.add(Integer.parseInt(arr[i]));
                }
            return a;
    }

    public static void main(String args[]) {
        Scanner input = new Scanner(System.in);
        int t = input.nextInt();
        input.nextLine();
        while (t-- > 0) {
            String s = input.nextLine();
            ArrayList<Integer> ans = arrayGenerator(s);
            System.out.print("[");
            for (int i = 0; i < ans.size(); i++) {
                System.out.print(ans.get(i));
                if (i != ans.size() - 1) {
                    System.out.print(", ");
                }
            }
            System.out.println("]");
        }

    }
}
```