Sometimes it's better to use dynamic size arrays. Java's [Arraylist](#) can provide you this feature. Try to solve this problem using Arraylist.

You are given lines. In each line there are zero or more integers. You need to answer a few queries where you need to tell the number located in position of line.

Take your input from System.in.

Input Format

The first line has an integer . In each of the next lines there will be an integer denoting number of integers on that line and then there will be space-separated integers. In the next line there will be an integer denoting number of queries. Each query will consist of two integers and .

Constraints

- $1 <= n <= 20000$

- $0 <= d <= 50000$

- $1 <= q <= 1000$

- $1 <= x <= n$

Each number will fit in signed integer.

Total number of integers in lines will not cross .

Output Format

In each line, output the number located in position of line. If there is no such position, just print "ERROR!"

Sample Input

```
5
5 41 77 74 22 44
1 12
4 37 34 36 52
0
3 20 22 33
```

5
1 3
3 4
3 1
4 3
5 5

Sample Output

74
52
37
ERROR!
ERROR!

Explanation

The diagram below explains the queries: