# L. Diverse Team

time limit per test: 1 second
memory limit per test: 256 megabytes
input: standard input
output: standard output

There are $n$ students in a school class, the rating of the $i$-th student on Codehorses is $a_i$. You have to form a team consisting of $k$ students ($1 \le k \le n$) such that the ratings of all team members **are distinct**.

If it is impossible to form a suitable team, print "NO" (without quotes). Otherwise print "YES", and then print $k$ distinct numbers which should be the indices of students in the team you form. If there are multiple answers, print any of them.

## Input

The first line contains two integers $n$ and $k$ ($1 \le k \le n \le 100$) — the number of students and the size of the team you have to form.

The second line contains $n$ integers $a_1, a_2, \ldots, a_n$ ($1 \le a_i \le 100$), where $a_i$ is the rating of $i$-th student.

## Output

If it is impossible to form a suitable team, print "NO" (without quotes). Otherwise print "YES", and then print $k$ distinct integers from $1$ to $n$ which should be the indices of students in the team you form. All the ratings of the students in the team should be distinct. You may print the indices in any order. If there are multiple answers, print any of them.

Assume that the students are numbered from $1$ to $n$.

## Examples

| input | Copy |
|---|---|
| 5 3<br>15 13 15 15 12 | |

| output | Copy |
|---|---|
| YES<br>1 2 5 | |

| input | Copy |
|---|---|
| 5 4<br>15 13 15 15 12 | |

| output | Copy |
|---|---|
| NO | |

| input | Copy |
|---|---|
| 4 4<br>20 10 40 30 | |

| output | Copy |
|---|---|
| YES<br>1 2 3 4 | |

## Note

All possible answers for the first example:

- {1 2 5}
- {2 3 5}
- {2 4 5}

Note that the order does not matter.


**ICPC Assiut University Training - Standard - Juniors Phase 1**

Public

Participant

→ Group Contests

- Standard #5 (Bits , bit-masking )
- Standard #4 (Binary search , two pointers )
- Standard #3 (set , sorting, compare function , map )
- Standard #2 (binary search , stack , queue, deque , priority queue)
- Standard #1 (Frequency , prefix sum , vector , pair ,struct)

**Standard #1 (Frequency , prefix sum , vector , pair ,struct)**

Finished

Practice

→ Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest

→ Submit?

Language: GNU G++20 11.2.0 (64 bit, w

Choose file: Choose File No file chosen

Submit

→ Last submissions

| Submission | Time | Verdict |
|---|---|---|
| 226287744 | Oct/02/2023 14:53 | Accepted |
| 226217946 | Oct/01/2023 23:42 | Accepted |
| 226217872 | Oct/01/2023 23:41 | Wrong answer on test 5 |
| 226217784 | Oct/01/2023 23:40 | Wrong answer on test 2 |