

Check Subset



Problem Statement

You are given two sets A and B .
Your job is to find whether set A is a subset of set B .

If set A is subset of set B , print **True**.
If set A is not a subset of set B , print **False**.

Input Format

First line will contain number of testcases, T .
First line of each testcase contains number of elements in set A .
Second line of each testcase contains space separated elements of set A .
Third line of each testcase contains number of elements in set B .
Fourth line of each testcase contains space separated elements of set B .

Constraints

$0 < T < 21$
 $0 < \text{Number of elements in each set} < 1001$

Output Format

Output **True** or **False** for each testcase in separate lines.

Sample Input

```
3
5
1 2 3 5 6
9
9 8 5 6 3 2 1 4 7
1
2
5
3 6 5 4 1
7
1 2 3 5 6 8 9
3
9 8 2
```

Sample Output

```
True
False
False
```

Explanation

Explanation Test Case 01
set $A = \{1\ 2\ 3\ 5\ 6\}$
set $B = \{9\ 8\ 5\ 6\ 3\ 2\ 1\ 4\ 7\}$
All the elements of set A are the elements of set B .
Hence, set A is subset of set B .

Note: More than 4 lines will result in 0 score. Blank lines won't be counted.