Check Strict Superset

You are given one set A and a number of other sets, N.
Your job is to find whether set A is a strict superset of all the N sets.
Print **True**, if A is a *strict superset* of all of the N sets. Otherwise, print **False**.

A strict superset has at least one element that does not exist in its subset.

Example:
Set$([1, 3, 4])$ is a *strict superset* of set$([1, 3])$.
Set$([1, 3, 4])$ is **not** a *strict superset* of set$([1, 3, 4])$.
Set$([1, 3, 4])$ is **not** a *strict superset* of set$([1, 3, 5])$.

Input Format

The first line contains the space separated elements of set A.
The second line contains integer N, the number of other sets.
The next N lines contains the space separated elements of the other sets.

Constraints

$0 < len(set(A)) < 501$
$0 < N < 21$
$0 < len(otherSets) < 101$

Output Format

Print **True** if set A is a *strict superset* of all other N sets. Otherwise, print **False**.

Sample Input

```
1 2 3 4 5 6 7 8 9 10 11 12 23 45 84 78
2
1 2 3 4 5
100 11 12
```

Sample Output

```
False
```

Explanation

Set A is the *strict superset* of the set$([1, 2, 3, 4, 5])$ but not of the set$([100, 11, 12])$ because 100 is not in set A.
Hence, the output is **False**.