Same to Same Again

Problem Statement

There are a list of **N** values which were inserted into a **stack** and a list of **M** values which were inserted into a **queue**. After that the elements of the stack and queue are removed and put them into the list where the belong. You need to tell if both of the list are same or not after removing those elements from the stack and queue.

Note: You need to implement Stack and Queue to solve this problem. You can't insert those values to anything else and also you can't use STL here. You can implement stack and queue by linked list or array as you wish.

Input Format

- First line will contain **N** and **M**.
- Second line will contain list **A** with **N** values.
- Third line will contain list **B** with **M** values.

Constraints

- 1 <= **N, M** <= 10^6
- 0 <= Values of list **A** and **B** <= 1000

Output Format

- Output "**YES**" if they were same, otherwise "**NO**".

Sample Input 0

```
5 5
10 20 30 40 50
50 40 30 20 10
```

Sample Output 0

```
YES
```

Sample Input 1

```
4 4
10 20 30 40
10 20 30 40
```

Sample Output 1

```
NO
```

Sample Input 2

```
5 4
10 20 30 40 50
50 40 30 20
```

Sample Output 2

```
NO
```

Submissions: 202
Max Score: 20
Difficulty: Easy

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C++20

```cpp
#include <bits/stdc++.h>

using namespace std;


int main()
{
    // Write your code here

    return 0;
}

```

Line: 1 Col: 1

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