

	Time taken	1 hour 17 mins	
6/19/24, 7:17 PM	Marks	5.00/5.00	Week10_Coding: Attempt review REC-PS
	Grade	100.00 out of 100.00	

The third line contains integer k.

Output Format

Print Yes or No.

Sample Input

```
7
0 1 2 4 6 5 3
1
```

Sample Output

Yes

For example:

Input	Result
5 8 9 12 15 3 11	Yes
6 2 9 21 32 43 43 1 4	No

Answer: (penalty regime: 0 %)

```
1 n = int(input())
2 arr = list(map(int, input().split()))
3 k = int(input())
4 s = set()
5
6 for num in arr:
7
8     if k - num in s:
9         print("Yes")
10        break
11    s.add(num)
12 else:
13
14    print("No")
```

6/19/24,	✓		Yes	Yes	✓
	7:17	6			
	PM	13 42 31 4 8 9			
		17			

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

Answer: (penalty regime: 0 %)

```
1 a = int(input())
2 b = input().split()
3 c=[]
4 for i in b:
5     c.append(i)
6 c.sort()
7 print(*c)
```

	Input	Expected	Got	
✓	5 6 5 4 3 8	3 4 5 6 8	3 4 5 6 8	✓
✓	9 14 46 43 27 57 41 45 21 70	14 21 27 41 43 45 46 57 70	14 21 27 41 43 45 46 57 70	✓
✓	4 86 43 23 49	23 43 49 86	23 43 49 86	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

output:

1 2
4 2
5 1
68 2
79 1
90 1

For example:

Input	Result
4 3 5 3 4 5	3 2 4 2 5 2

Answer: (penalty regime: 0 %)

```
1 arr = list(map(int, input().split()))
2
3 freq = {}
4 for num in arr:
5     freq[num] = freq.get(num, 0) + 1
6
7
8 for key in sorted(freq.keys()):
9     print(key, freq[key])
```

	Input	Expected	Got	
✓	4 3 5 3 4 5	3 2 4 2 5 2	3 2 4 2 5 2	✓

			7	1	7	1	
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Week10_Coding: Attempt review | REC-PS

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

3. Last Element: lastElement, the *last* element in the sorted [list](#).
For example, given a worst-case but small array to sort: a=[6,4,1]. It took 3 swaps to sort the array. Output would be

Array is sorted in 3 swaps.

First Element: 1

Last Element: 6

Input Format

The first line contains an integer,n , the size of the [list](#) a .
The second line contains n, space-separated integers a[i].

Constraints

- 2<=n<=600
- 1<=a[i]<=2x10⁶.

Output Format

You must print the following three lines of output:

1. [List](#) is sorted in numSwaps swaps., where numSwaps is the number of swaps that took place.
2. First Element: firstElement, the *first* element in the sorted [list](#).
3. Last Element: lastElement, the *last* element in the sorted [list](#).

Sample Input 0

3
1 2 3

Sample Output 0

[List](#) is sorted in 0 swaps.
First Element: 1
Last Element: 3

For example:

Input	Result
3 3 2 1	List is sorted in 3 swaps. First Element: 1 Last Element: 3
5 1 9 2 8 4	List is sorted in 4 swaps. First Element: 1 Last Element: 9

Answer: (penalty regime: 0 %)

```
1 n = int(input())
2 a = list(map(int, input().split()))
3
4 swaps = 0
```

	Input	Expected	Got	
✓	3 3 2 1	List is sorted in 3 swaps. First Element: 1 Last Element: 3	List is sorted in 3 swaps. First Element: 1 Last Element: 3	✓
✓	5 1 9 2 8 4	List is sorted in 4 swaps. First Element: 1 Last Element: 9	List is sorted in 4 swaps. First Element: 1 Last Element: 9	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

For example:

Input	Result
6 3 4 8 7 1 2	1 2 3 4 7 8
5 4 5 2 3 1	1 2 3 4 5

Answer: (penalty regime: 0 %)

```

1 n = int(input())
2 arr = list(map(int, input().split()))
3
4
5 for i in range(n):
6     for j in range(0, n-i-1):
7         if arr[j] > arr[j+1]:
8             arr[j], arr[j+1] = arr[j+1], arr[j]
9
10
11 print(*arr)
12

```

	Input	Expected	Got	
✓	6 3 4 8 7 1 2	1 2 3 4 7 8	1 2 3 4 7 8	✓
✓	6 9 18 1 3 4 6	1 3 4 6 9 18	1 3 4 6 9 18	✓
✓	5 4 5 2 3 1	1 2 3 4 5	1 2 3 4 5	✓

Passed all tests! ✓

Correct

