Problem 9
Array Sum

Consider an array of 1000 positive elements (assume no duplicates). Determine, if possible, the indices of entries in the given array such that the corresponding elements (you can use the element only once) add up to the number 23.

For example:

6 12 5 54 28 …

The above set is valid because 6 + 12 + 5 = 23. However,

6 11 54 28 …

should be rejected since there is no way to obtain 23.

Input

The input file consists of a 1000 element array, each element separated by a single space.

Output

The output should consist firstly of whether or not it is possible to generate the sum of 23 using entries from the given array. Secondly, assuming it is possible to generate the sum, output should consist of the indices of the array whose associated values add to 23.

Sample input

```
6 12 95 22 1 45 12 5 2 68 24 9 …
```

Sample output

```
Yes
0 4 7 8 11
```

Additional sample input

```
34 92 48 57 76 30 24 83 …
```

Additional sample output

```
No
```