Wrong Sort

Chef was asked to write a function to sort an array of numbers and came up with the following [code](#).

However when he submitted the problem, the judge gave Wrong Answer, help Chef by constructing an example where Chef's code gives the wrong answer.

Write a python program that prints your counter example.

Input

There is no input for this problem.

Output

Print two lines, the first line should contain an integer n

, the number of elements in your proposed counterexample to Chef's program.

The second line should contain n

space separated integers, denoting the elements of your counterexample.

For technical reasons, the number of elements in your counter-example should be between 1 and 500 (inclusive) and all elements should be between -10^9

and 10^9

(inclusive).

Constraints

Since there is no input, there are no constraints on the input,but there are constraints on the output to avoid large files, they are

$1 \leq |A| \leq 500$

$-10^9 \leq A_i \leq 10^9$

It is guaranteed that there are examples within these constraints that give incorrect answer when provided to Chef's program.

Judging

If the output format is not correct or not within the given constraints then you will receive a "Wrong Answer" verdict.

If the output format is correct, but Chef's program gives the right answer then you will receive a "Wrong Answer" verdict.

If the output format is correct and Chef's program gives the wrong answer to that input, then your program is considered correct.

Note that there may be multiple outputs for this problem that are considered correct, your program can output **any** of them.

Sample Output

```
3
1 2 3
```

Explanation

The given sample output is just an example to show the output format and will receive a "Wrong Answer" verdict because Chef's program produces the correct output for this test case.

In order to not give away the answer, a sample output that is correct is not provided.