There are **N** numbers of arrays, find mean, median and mode after taking account of all the elements of those **N** arrays.

**Function Description**

The first line of input will tell the numbers of arrays, **N**.

The next **N** lines of input will tell the elements of each array.

The lines after that should display Mean, Median and Mode.

**Note:-** If there is no unique Mode then only display the Mean and the Median.

**Note:-** If any of the values exceed 4 decimal digits then round them off to 4 decimal digits.

**Input Format**

2

[1,2]

[3,2]

**Constraints**

**1<=N<=100**

**Output Format**

2.0

2.0

2

**Sample Input**

2

[1,2]

[3]

**Sample Output**

2.0

2.0

**Explanation**

The total elements after combining each array is [1,2,3], as there is no unique Mode, we will not display Mode, the first line displays Mean and the second line displays Median