Problem 3 - Numbers

Write a program to **read a sequence of integers** and find and print the **top 5** numbers **greater than the average** value in the sequence, sorted in descending order.

Input

- Read from the console a single line holding **space-separated integers**.

Output

- Print the above-described numbers on a single line, space-separated.
- If **less than 5 numbers** hold the property mentioned above, **print less** than 5 numbers.
- Print **"No"** if no numbers hold the above property.

Constraints

- All input **numbers** are integers in the **range** [-1 000 000 … 1 000 000].
- The **count of numbers** is in the **range** [1…10 000].

Examples

Input	Output	Comments
10 20 30 40 50	50 40	Average number = 30. Numbers greater than 30 are: {40, 50}. The top 5 numbers among them in descending order are: {50, 40}. Note that we have only 2 numbers, so all of them are included in the top 5.
5 2 3 4 -10 30 40 50 20 50 60 60 51	60 60 51 50 50	Average number = 28.08. Numbers greater than 28.08 are: {30, 40, 50, 50, 60, 60, 51}. The top 5 numbers among them in descending order are: {60, 60, 51, 50, 50}.
1	No	Average number = 1. There are no numbers greater than 1.
-1 -2 -3 -4 -5 -6	-1 -2 -3	Average number = -3.5. Numbers greater than -3.5 are: {-1, -2, -3}. The top 5 numbers among them in descending order are: {-1, -2, -3}.

JS Input / Output

Input	Output	Comments
'10 20 30 40 50'	50 40	Average number = 30. Numbers greater than 30 are: {40, 50}.

Follow us:

		The top 5 numbers among them in descending order are: {50, 40}. Note that we have only 2 numbers, so all of them are included in the top 5.
`'5 2 3 4 -10 30 40 50 20 50 60 60 51'`	60 60 51 50 50	Average number = 28.08. Numbers greater than 20.078 are: {30, 40, 50, 50, 60, 60, 51}. The top 5 numbers among them in descending order are: {60, 60, 51, 50, 50}.
`'1'`	No	Average number = 1. There are no numbers greater than 1.
`'-1 -2 -3 -4 -5 -6'`	-1 -2 -3	Average number = -3.5. Numbers greater than -3.5 are: {-1, -2, -3}. The top 5 numbers among them in descending order are: {-1, -2, -3}.