## **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}.















		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}.















