

Construct Points

Input file: **standard input**
Output file: **standard output**
Time limit: 1 second
Memory limit: 1024 megabytes

Construct four points a, b, c and d on the two-dimensional plane that satisfy the following conditions:

- x and y coordinates of all points are integers, and their absolute values don't exceed 10^9
- a and b are different, and c and d are different.
- Let l be the line passing through a and b , and let m be the line passing through c and d . Then,
 - l and m are not parallel.
 - the absolute values of x and y coordinates of the cross point of l and m are not less than 10^{27} .

Input

There is no input.

Output

Print the answer in the following format:

$a_x a_y$

$b_x b_y$

$c_x c_y$

$d_x d_y$