**Game**

Three friends came up with a game for having fun in the break between the classes. One of them says a three-digit number and the others use it to form a mathematical expressions by using operators for sum and multiplication between the digits.

The winner is the first one who founds the biggest number that is a result of the above mentioned rules.

Write a program 'game', which prints out that biggest number.

**Input**

Read from the standard input

* The first line of the input will be positive three-digit number **N**.

**Output**

Print on the standard output

* The result should be the calculated biggest number.
* The calculation order

# Sample tests

## Input

185

## Output

41

## Input

111

## Output

3