## 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 of that number.

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.

### **Sample tests**

#### **Input**

Copy

185

#### **Output**

Copy

41

#### **Input**

Copy

111

#### **Output**

Copy

3