## Multiplication Sign

You are given a number num1, num2 and num3. Write a program that finds if num1 \* num2 \* num3 (the product) is **negative**, **positive or zero**. Try to do this **WITHOUT** multiplying the 3 numbers.

### Examples

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Input** | **Output** |  | **Input** | **Output** |
| 2  3  -1 | negative |  | 2  3  1 | positive |