## Negative vs Positive

You will receive a sequence of **numbers** (integers) separated by a **single space**. **Separate** the negative numbers from the positive. Find the **total sum of the negatives and positives**, and **print the following:**

* On the first line, **print the sum** of the negatives
* On the second line, **print the sum** of the positives
* On the third line:
  + If the **absolute negative number** is larger than the **positive number**:  
     **"The negatives are stronger than the positives"**
  + If the **positive number** is larger than the **absolute negative number**:  
     **"The positives are stronger than the negatives"**

**Note: you will not receive any zeroes in the input.**

### Example

|  |  |
| --- | --- |
| **Input** | **Output** |
| 1 2 -3 -4 65 -98 12 57 -84 | -189  137  The negatives are stronger than the positives |
| 1 2 3 | 0  6  The positives are stronger than the negatives |