Problem 17 – Biggest Table Row

You are given an **HTML table** with 4 columns: **Town**, **Store1**, **Store2** and **Store3**. It consists of sequence of text lines: the "**<table>**" tag, the header row, several data rows, and **"</table>**" tag (see the examples below). The **Store1**, **Store2**, and **Store3** columns hold either numbers or "**-**" (which means "**no data**"). Your task is to write a program which parses the table data rows and finds the row with a **maximal sum** of its values.

Input

The input is read from the console on several lines, each holding the table rows. The last row will always hold the string "</table>". The input data will always be valid and in the format described. There is no need to check it explicitly.

Output

Print at the console a single line, holding the data row values with **maximal sum** in format: "**sum = value1 + value2 + …**". Print the values exactly as they were found in the input (no rounding, no reformatting). If all rows contain no data, print "**no data**". If two rows have the **same maximal sum**, print the first of them.

Constraints

- The **count** of input rows is in the range [0 … 1 000].
- The columns **Store1**, **Store2** and **Store3** hold numbers in the range [-100 0000 … 100 000].
- There is **no whitespace** anywhere in the data rows.
- Allowed working time: 0.1 seconds. Allowed memory: 16 MB.

Examples

Input	Output
<table> <tr><th>Town</th><th>Store1</th><th>Store2</th><th>Store3</th></tr> <tr><td>Sofia</td><td>26.2</td><td>8.20</td><td>-</td></tr> **<tr><td>Varna</td><td>11.2</td><td>18.00</td><td>36.10</td></tr>** <tr><td>Plovdiv</td><td>17.2</td><td>12.3</td><td>6.4</td></tr> <tr><td>Bourgas</td><td>-</td><td>24.3</td><td>-</td></tr> </table>	65.3 = 11.2 + 18.00 + 36.10

Input	Output
<table> <tr><th>Town</th><th>Store1</th><th>Store2</th><th>Store3</th></tr> <tr><td>Sofia</td><td>-</td><td>-</td><td>-</td></tr> </table>	no data

Input	Output
<table> <tr><th>Town</th><th>Store1</th><th>Store2</th><th>Store3</th></tr> <tr><td>Sofia</td><td>12850</td><td>-560</td><td>20833</td></tr> **<tr><td>Rousse</td><td>-</td><td>50000.0</td><td>-</td></tr>** <tr><td>Bourgas</td><td>25000</td><td>25000</td><td>-</td></tr> </table>	50000 = 50000.0