

Samantha was tasked with calculating the average monthly salaries for all employees in the **EMPLOYEES** table, but did not realize her keyboard's 0 key was broken until after completing the calculation. She wants your help finding the difference between her miscalculation (using salaries with any zeros removed), and the actual average salary.

Write a query calculating the amount of error (i.e.: *actual* – *miscalculated* average monthly salaries), and round it up to the next integer.

Input Format

The **EMPLOYEES** table is described as follows:

Column	Type
ID	Integer
Name	String
Salary	Integer

Note: Salary is per month.

Constraints

$1000 < \text{Salary} < 10^5$.

Sample Input

ID	Name	Salary
1	Kristeen	1420
2	Ashley	2006
3	Julia	2210
4	Maria	3000

Sample Output

2061

Explanation

The table below shows the salaries without zeros as they were entered by Samantha:

<i>ID</i>	<i>Name</i>	<i>Salary</i>
<i>1</i>	<i>Kristeen</i>	<i>142</i>
<i>2</i>	<i>Ashley</i>	<i>26</i>
<i>3</i>	<i>Julia</i>	<i>221</i>
<i>4</i>	<i>Maria</i>	<i>3</i>

Samantha computes an average salary of **98.00**. The actual average salary is **2159.00**.

The resulting error between the two calculations is **$2159.00 - 98.00 = 2061.00$** . Since it is equal to the integer **2061**, it does not get rounded up.