

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:

ID	Name	Salary
1	Kristeen	142
2	Ashley	26
3	Julia	221
4	Maria	3

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.

Oracle



```
10 ▾ /*
11 Enter your query here.
12 Please append a semicolon ";" at the end of the query and enter your query in a
13 single line to avoid error.
14 1 Ashley 2340
15 2 Julia 1198
16 3 Britney 9009
17 4 Kristeen 2341
18 5 Dyana 9990
19 6 Diana 8011
20 7 Jenny 2341
21 8 Christeen 2342
22 9 Meera 2343
23 10 Priya 2344
24 11 Priyanka 2345
25 12 Paige 2346
26 13 Jane 2347
27 14 Belvet 2348
28 15 Scarlet 2349
29 16 Salma 9087
30 17 Amanda 7777
31 18 Aamina 5500
32 19 Amina 2570
33 20 Ketty 2007
34 4046.75
35 1794.5
36 */
37 SELECT
38 CEIL(
39     AVG(CAST(SALARY AS FLOAT))
40     -
41     AVG(CAST(REPLACE(Salary,0,'') AS FLOAT))
42 )
43 FROM EMPLOYEES;
```

Line: 1 Col: 1

Upload Code as File

Run Code

Submit Code



You have earned 15.00 points!

You are now 190 points away from the gold level for your sql badge.

5%

460/650

Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

Test case 0

Compiler Message

Success

Input (stdin)

1 INPUT

Download

Expected Output

1 2253

Download