Sum of digits and predecessor X23243_en

Write a program that given a non-empty sequence of integers greater than 0 outputs the number of elements such that the sum of its digits is a divisor of its predecessor. Recall that the predecessor of an element in a sequence is its immediately previous element.
Exam score: 2.50 **Automatic part:** 40.00%

Input

The input is a non-empty sequence of integers greater than 0.

Output

The output is the number of elements such that the sum of its digits is a divisor of its predecessor in the sequence.

Sample input 1

```
1 4 202 200 3 100 55 42
```

Sample output 1

```
4
```

Sample input 2

```
4 7 11 200 12 41 27
```

Sample output 2

```
0
```

Sample input 3

```
1
```

Sample output 3

```
0
```

Sample input 4

```
10 23 959
```

Sample output 4

```
2
```

Observation

Well organized code would be a plus.

Problem information

Author : Pro1
Generation : 2021-01-11 11:52:19