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## Circular numbers (2)

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A number is circular if its first digit matches the last one. For example, number 3493 is circular. Write a program that, given a list of numbers, prints the circular ones and, at the end, its quantity.

**Exam score: 4 Automatic part: 40%**

### Input

A list of non-negative integers. Right after the list the mark -1 comes out. The mark does not belong to the list.

### Output

The list of circular numbers followed by its size. Each number will be written on one line, as shown in the example.

#### Sample input

```
16
454
321
55
3493
19
0
28
11
1071
-1
```

#### Sample output

```
454
55
3493
0
11
1071
total: 6
```

### Problem information

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