

## 1102 - You Can Say 11

### Description

Your job is, given a positive number **N**, determine if it is a multiple of eleven.

### Input specification

The input is a file such that each line contains a positive number. A line containing the number 0 is the end of the input. The given numbers can contain up to 1000 digits.

### Output specification

The output of the program shall indicate, for each input number, if it is a multiple of eleven or not.

### Sample input

```
112233
30800
2937
323455693
5038297
112234
0
```

### Sample output

```
112233 is a multiple of 11.
30800 is a multiple of 11.
2937 is a multiple of 11.
323455693 is a multiple of 11.
5038297 is a multiple of 11.
112234 is not a multiple of 11.
```

### Hint(s)

Source

Universidad de Valladolid Online  
Judge

Added by

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