

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

## Input

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

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.
```