

PRACTICE PROBLEM

Problem 0.0 Go Evenly

General Statement: Read a value N followed by 10 numbers. Determine how many of the 10 numbers will divide N evenly (without remainder).

Input: The first line in the data file is an integer that represents the number of data sets to follow. Each data set will contain 11 numbers. The first number is the number to divide. The ten numbers that follow will be used to divide the first number.

Name of Data File : pr00.dat

Output: Output how many of the 10 numbers divide evenly into the first number.

Assumptions: Dividing by zero is a very bad thing.

Sample Input :

```
3
20 1 2 3 4 5 6 7 8 9 10
33 1 3 5 7 9 11 13 15 17 19
10 3 3 3 3 3 3 3 3 3 3
```

Sample Output:

```
5 of the numbers go evenly into 20.
3 of the numbers go evenly into 33.
0 of the numbers go evenly into 10.
```