5 Speed trap

3 points

Introduction

The cities of Whynot in Mississippi and Zzyzx in California, apart from being in some lists of US towns with the funniest names, compete to have the safest drivers in their roads. There are several speed cameras with radars, each one with its own legal limit. Drivers that pass by them at a higher speed than the limit will be fined. By the end of the day, the Department of Traffic has to award one of the two cities, basing its decision on the amount of fines recorded by the speed cams. You, as an Engineer in charge of the task, are committed to develop a program that automatizes the counting of fines.

Input

The input is a set of records, ending with the # character.
Each record of the speed cameras has 3 values:

- The initial letter of the city name (`W` for Whynot or `Z` for Zzyzx)
- The measured speed, expressed in mph (miles per hour)
- The speed limit

```
W 60 75
Z 61 50
Z 64 38
W 54 75
Z 103 50
Z 47 55
#
```

Output

The output is the amount of fines corresponding to each city (first Whynot and then Zzyzx), followed by a sentence stating which one is the winner of the daily award (see the sample output below). If both cities have the same amount of fines, the script will print “Whynot and Zzyzx inhabitants are equally safe at driving”.

```
0 fines to Whynot
3 fines to Zzyzx
Whynot inhabitants are safer at driving than Zzyzx ones
```