Database of a university is stored in a text file. One line of the file consists of the semester, the neptun code of the professor, and how many class hours the professor has spent with teaching in that semester.

The file is ordered by semester, and you can suppose that it is **not** empty.

One sample file:

```
19/20/2 gfhdjs 10
20/21/1 gfhdjs 16
20/21/1 jd63ks 18
20/21/1 hfls45 12
20/21/2 gfhdjs 10
20/21/2 jkdl4k 12
21/22/1 gfhdjs 12
```

**Task:**

*Satisfactory*: After the professor with neptun code *gfhdjs* teaching more than 15 hours in a semester, how many times has he (*gfhdjs*) taught less than 12 hours? You have to define a method for reading from the file and you have to create an algorithm which is based on the general algorithm of the algorithmic patterns.

In the sample file, the answer is 1.

*Excellent*: Which was the easiest semester (with the least teaching hours in total)? You have to create a class with methods first(), next(), current(), and end() for enumerating the semesters with their teaching hours in total. Other public methods cannot be created for this class.

In the sample file the output is 19/20/2.

Requirements for both levels: You cannot store multiple lines of the file and you can open the file only once.