The subject distribution is a fundamental document for planning the school year. It contains information about which classes and how many hours teachers will teach their subjects. In this task, you need to analyze the subject distribution for a four-year high school. This time, you will receive the subject distribution in a simple text file created with a database management program, following the sample format below (Each entry is stored in four lines).:

```
Albatrosz Aladin
biologia
9.a
2
Albatrosz Aladin
osztalyfonoki
9.a
1
…
Csincsilla Csilla
matematika
9.x
2
…
```

The first entry specifies that Mr. Aladin Albatrosz will teach biology (biologia) for the 9th-grade class, with 2 hours per week. If the class designation is 'x,' it means it's a grade-level group. In our example, Ms. Csilla Csincsilla will teach a 2-hour mathematics class for the 9th grade. You can recognize the form tutors by the fact that they conduct form tutor (osztalyfonoki) classes.
During the solution, you can use the fact that the file contains a maximum of 1000 entries (i.e., up to 4000 lines). There are a maximum of 100 teachers and up to 50 classes in the school, with exactly one form tutor for each class.
Create a program that, using the data from the "beosztas.txt" file, answers the following questions! Save the source code of the program under the name "subjects"! (When writing the program, you don't need to check the correctness or validity of the data provided by the user, and you can assume that the available data conforms to the description.)
For subtasks that require writing to the screen, similar to the example given, display the task number on the screen (e.g., Task 3:) and refer to the displayed content. When requesting input from the user, indicate on the screen what type of value is expected. In both cases, using accents in text is also acceptable.

1. Read and store the data found in the "beosztas.txt" file and use it to solve the following tasks.
2. How many entries are there in the file? Display the result on the screen.
3. Important information for the school administration is the total number of teaching hours in the school per week. Calculate this data and display it on the screen.
4. Request the teacher's name from the user and display on the screen how many hours they teach weekly.
5. Create the "of.txt" file, which contains the names of class tutors organized by class in

```
9.a - Albatrosz Aladin
9.b - Hangya Hanna
9.c - Zerge Zenina
```

   the following format (the order of displaying classes can vary from the sample):
6. In some classes, certain subjects are taught in groups by students. In this case, the subject distribution contains two entries for the same subject and class. Request the identification of a class and the name of a subject, and display on the screen whether the specified class studies the given subject in groups or at the class level.
   (You can assume that the specified class studies the specified subject.)
7. For the school administration, it is also important to know how many teachers work in the school. Display this information on the screen.