Trip to Ireland:

Hi students!

We are about to go on a language immersion trip to better prepare you for the labor market. The 1º DAM course Head Teacher and the Computer Science Department Head are very bussy, even working overtime and they need your help.

As part of your training as future programmers, here is the following challenge: the seats have been allocated. You have to develop a python program that shows for each row (numbered from 5 to 35) who sits with whom. Be careful because seats a, b and c are together but separated by an aisle from seats d, e and f, which are also together. Attached is the allocation list for the outbound and the return trip.

Input

The input begins with a line that has the number of travelers of this activity for which they have been allocated a seat. The line for each traveler consists of three pieces of information separated by a blank space: their name, followed by the seat on the outbound trip, followed by the seat on the return trip.

27
Alejo 15D 16E
Carme 29F 23D
...

Output

The map of the airplane with the allocated seats indicating which student/teacher is allocated en each seat (for both the outbound and the return trip)

SEVILLE-DUBLIN

```
          A         B         C         D         E         F
row 05: ----------  ----------  ----------| ----------  ----------  ----------
row 06: ----------  ----------  ----------| ----------  ----------  ----------
row 07: ----------  ----------  ----------| ----------  ----------  ----------
row 08: JesúG     Nati      Fran | ----------  ----------  ----------
...
```

DUBLIN-SEVILLE

```
          A         B         C         D         E         F
row 05: ----------  ----------  ----------| ----------  ----------  ----------
row 06: ----------  ----------  ----------| ----------  ----------  ----------
row 07: ----------  ----------  ----------| ----------  ----------  ----------
...
```

You have already seen the data structures strings and lists. You still need to learn about dictionaries, but they are easy to use. Look at them by your own and decide which data structure is the best to solve the challenge (or a mix of them).

	SEVILLE-DUBLIN	DUBLIN-SEVILLE
Alejo	15D	16E
Ana	32B	22B
Carme	29F	23D
Cris	10C	34A
Dani	22F	24F
Edu	21A	25D
Ernes	15E	16F
Fran	08C	30F
Gaby	32A	22A
Jaime	15C	16D
Javi	09B	31C
JesúC	26E	20D
JesúG	08A	30D
Joaq	09A	31D
Jorge	23E	24E
José	10D	35B
JuanC	09C	31B
JuanM	26F	20E
JuanP	23D	24D
MaríC	33D	23B
MaríR	29E	23F
Migue	32C	22C
Mónic	31C	23A
Nati	08B	30E
Patri	31D	23C
Rubén	21B	25E
Sergi	10B	35C