Call Data Records are text files provided by telephone systems detailing the time, duration, and destination of any calls that have been made. Rated Call Data Records are the same records provided to a client, with the addition of an area code name, a connection charge, a cost per minute and a total cost for each call. These are typically referred to as an itemized bill by phone providers.

Calls are rated by matching the prefix of a phone number to an area code. Each area code has a connection charge and a per-minute cost, both given in lek. By multiplying the length of the call by the per-minute charge and adding the connection charge it is possible to calculate the cost of an individual call.

Area code rates are given in the table below:

| **Area Code** | **Prefix** | **Connection Charge (pence)** | **Per Minute Cost (pence)** |
| --- | --- | --- | --- |
| Domestic | 02 or 03 | 0 | 0.5 |
| Mobile | 07 | 0 | 5.5 |
| International | 00 | 5 | 11.3 |

Because these charges can be very small the rounding system that is used can have a big difference. The length of calls ought to be rounded up to the nearest minute, and the total cost of the calls ought to be rounded up to the nearest penny.

The task is to write an application that reads in an unrated CDR and prints a rated CDR to the screen. CDRs will be provided as a CSV file with the following columns:

* Call start date and time.
* Duration in seconds.
* Destination number.

The Rated CDR should be printed with the following columns:

* Time of call.
* Duration in seconds.
* Destination number.
* Name of area code.
* Connection charge (in lek).
* Per-minute cost (in lek).
* Total cost (in lek).

Example Input:

2010-11-15 20:02:04,34,02072221234

2010-11-15 20:06:30,171,001145532411

2010-11-15 21:11:22,1344,02072221234

2010-11-15 21:44:51,34,07707544869

2010-11-15 22:01:09,248,07707544869

Example Output:

| **Time of call** | **Duration** | **Destination** | **Area code** | **Connection** | **PPM** | **Total** |
| --- | --- | --- | --- | --- | --- | --- |
| 2010-11-15 20:02:04 | 34 | 02072221234 | Domestic | 0Lek | 0.5Lek | 0.01 |
| 2010-11-15 20:06:30 | 171 | 001145532411 | International | 5Lek | 11.3Lek | 0.39 |
| 2010-11-15 21:11:22 | 1344 | 02072221234 | Domestic | 0Lek | 0.5Lek | 0.12 |
| 2010-11-15 21:44:51 | 34 | 07707544869 | Mobile | 0Lek | 5.5Lek | 0.06 |
| 2010-11-15 22:01:09 | 248 | 07707544869 | Mobile | 0Lek | 5.5Lek | 0.28 |