Split the Phone Numbers

There is a list of phone numbers which needs the attention of a text processing expert. As an expert in regular expressions, you are being roped in for the task. A phone number directory can reveal a lot such as country codes and local area codes. The only constraint is that one should know how to process it correctly.

A Phone number is of the following format

```
[Country code]-[Local Area Code]-[Number]
```

There might either be a '-' (ascii value 45), or a ' ' (space, ascii value 32) between the segments
Where the country and local area codes can have 1-3 numerals each and the number section can have 4-10 numerals each.

And so, if we tried to apply the a regular expression with groups on this phone number: 1-425-9854706

We'd get:
Group 1 = 1
Group 2 = 425
Group 3 = 9854706

You will be provided a list of N phone numbers which conform to the pattern described above. Your task is to split it into the country code, local area code and the number.

Input Format

N, where N is the number of tests.
This will be followed by N lines containing N phone numbers in the format specified above.

Constraints

1 <= N <= 20
There might either be a hyphen, or a space between the segments
The country and local area codes can have 1-3 numerals each and the number section can have 4-10 numerals each.

Output Format

Your output will contain N lines.
CountryCode=[Country Code],LocalAreaCode=[Local Area Code],Number=[Number]

Recommended Technique

This problem can be solved in many ways, however, try to solve it using regular expressions and groups in order to gain a hands on practice of the concepts involved.

Sample Input

```
2
1 877 2638277
91-011-23413627
```

Sample Output

```
CountryCode=1,LocalAreaCode=877,Number=2638277
```

```
CountryCode=91,LocalAreaCode=011,Number=23413627
```

Viewing Submissions

You can view others' submissions if you solve this challenge. Navigate to the challenge leaderboard.