Problem 82: Peoplebook

Difficulty: Medium

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Problem Background

In a world where technology connects people in ways that never existed before, it can be hard to keep track of everyone! Since most of your friends now have various social media accounts such as Instagram and Twitter, as well as a mobile number and email address, sometimes it's hard to remember them all.

Problem Description

To solve this problem, write a program that acts as a dictionary for people!

Sample Input

The first line of your program's input, received from the standard input channel, will contain a positive integer representing the number of test cases. Each test case will include:

- A line containing a number (between 2 and 20) representing the number of people for which data will be provided.
- A line containing data to be stored in the dictionary. The data will be provided as an array of arrays; each array contains a different type of data and will be the same length. Each index corresponds to the same person (in other words, the first entry of each array represents the information for the first person, the second entry contains the second person's data, and so forth.). Each array, including the outer array, will be wrapped with square brackets [ ], and each entry will be separated by commas. The data contained in each array is:
    - First array: Name (Text which may contain upper- and lower-case letters and spaces).
    - Second array: Age (A number between 10 and 90).
    - Third array: Instagram username (Text which may contain upper- and lower-case letters and numbers).
    - Fourth array: Twitter handle (Text which starts with an @ symbol, then is followed by upper- and lower-case letters and numbers).
    - Fifth array: Mobile number (A ten-digit number).
    - Sixth array: Email address (Text which contains upper- and lower-case letters and numbers, followed by exactly one @ symbol, followed by lowercase letters and periods (.)).
- A number of lines equal to the number of people, with each line containing the name of one person.

Please note that the data is contained on a single line, but it wraps when printed out here. Check the example input file for the exact format.

```
2
2
[[Alice,Bob],[15,16],[aliceInsta,BobIsCool1],[@wonderland,@bobbyBoy],[1234567890,
4078675309],[alice123@gmail.com,bobsEmail@yahoo.com]]
Alice
Bob
2
[[Joe,Eve],[32,45],[AverageJoe,DropperOfEves],[@shoeless,@eve123],[8374629401,384
9502837],[joeabc123@orange.co.uk,eve@army.us.mil]]
Eve
Joe
```

Sample Output

For each test case, you must print each person's profile in the order they are named after the data array. Profiles should be printed across multiple lines in the format shown below.

```
Name: Alice
Age: 15
Instagram: aliceInsta
Twitter: @wonderland
Phone: 1234567890
Email: alice123@gmail.com
Name: Bob
Age: 16
Instagram: BobIsCool1
Twitter: @bobbyBoy
Phone: 4078675309
Email: bobsEmail@yahoo.com
Name: Eve
Age: 45
Instagram: DropperOfEves
Twitter: @eve123
Phone: 3849502837
Email: eve@army.us.mil
Name: Joe
Age: 32
Instagram: AverageJoe
Twitter: @shoeless
Phone: 8374629401
Email: joeabc123@orange.co.uk
```