

New Technology

888 year's ago there was a country name octa land. The country has vast resource and the people of that country was very rich. all of their people use their own technology. But we know "www" is world wide web technology . the people of octal land also use internet a lot. We know that the web page has a domain-name system.

The domain-name is written in decimal format like "103.54.367.8" .

The administrator of this land does not like it.They want to use their technology to write domain-name . As you are a programmer The administrator of octa land country want your help.Your task is to write domain-name in their technology.

Input:

You are given a Test case (t<2000) which follow the domain-name .Each domain name must be 4 part and each part integer ($0 \leq \text{each part} < 1000$) .

Output:

Print "Case cs: f", where cs indicates the case number and write the name as administrator want in every new line.

Sample Input:

2

103.54.367.8

257.52.36.58

Sample Output:

Case 1: 147.66.557.10

Case 2: 401.64.44.72

Problem Setter:

MD. Rezaul Karim