

Char to ascii

In this problem, you will be given a string. You just need to output the ascii value of each character in the string separated by '-'.

Format Input

The first line is integer T represent the number of test cases. The next T line is string S.

Format Output

The answer starts with format "Case X: Y", where X is number of test case starting at 1 and Y is ascii value of each character in the string separated with '-'.

Constraints

- $1 \le T \le 1000$
- $1 \le |S| \le 1000$
- It is guaranteed that string S only consist alphabet.

Sample Input 1 (standard input)

2 ABCXYZ abcxyz

Sample Output 1 (standard output)

Case 1: 65-66-67-88-89-90 Case 2: 97-98-99-120-121-122

Sample Input 2 (standard output)

3 HelloWorld BinaNusantara Binus

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Sample Output 2 (standard output)

Case 1: 72-101-108-108-111-87-111-114-108-100

Case 2: 66-105-110-97-78-117-115-97-110-116-97-114-97

Case 3: 66-105-110-117-115

Note

• Each case is outputted in a single line.



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Di soal ini, anda akan diberikan sebuah string. Anda hanya perlu mengeluarkan nilai ascii masing-masing karakter dalam string tersebut dipisahkan oleh '-'.

Format Input

Baris pertama adalah sebuah bilangan bulat T yang merepresentasi jumlah kasus uji. T baris selanjutnya berisi string S.

Format Output

Output diawali dengan format "Case X: Y" di mana X adalah jumlah kasus uji mulai dari 1 dan Y adalah nilai ascii masing-masing karakter dalam string dipisahkan oleh '-'.

Constraints

- $1 \le T \le 1000$
- $1 \le |S| \le 1000$
 - Dijamin S hanya terdiri dari alfabet.

Sample Input 1 (standard input)

2 ABCXYZ abcxyz

Sample Output 1 (standard output)

Case 1: 65-66-67-88-89-90 Case 2: 97-98-99-120-121-122

Sample Input 2 (standard output)

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Sample Output 2 (standard output)

Case 1: 72-101-108-108-111-87-111-114-108-100

Case 2: 66-105-110-97-78-117-115-97-110-116-97-114-97

Case 3: 66-105-110-117-115

Note

• Setiap kasus uji dikeluarkan dalam satu baris.



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