

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 test cases

the next t line is string with length no more than 1000 and only consist of alphabet

Format Output

the answer with format "Case X: Y" where X is number of test case and Y is ascii value of each character in the string separated with '-'

Constraints

$1 \leq T \leq 1000$

$1 \leq |S| \leq 1000$

Sample Input 1	Sample Output 1
2 ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz	Case 1: 65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-82-83-84-85-86-87-88-89-90 Case 2: 97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122

Sample Input 2	Sample Output 2
3 HelloWorld BinaNusantara Binus	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

Notes

Each case is outputted in a single line