

# BUBT Programming Club

## Problem Statement:

Write a program which accepts a variable number of strings as input and locates the position of the string 'BUBT' and the string 'Programming' in each input. The program should print the sum of the positions found. If a particular string is not found then the position should be considered to be -1.

For example, if the string 'BUBTProgrammingClub' is supplied to the program, the string 'BUBT' lies at position 0 (considering the first position to be zero) and the second string 'Programming' lies at position 4, hence the sum of the positions will be  $4+1=5$ . Similarly if the word "Testprogram" is supplied to the program, both 'BUBT' and 'Programming' are not present, hence the result will be  $(-1) + (-1) = -2$ .

## Input:

Input start with an integer T ( $1 \leq T \leq 1000$ ) denoting the number of test cases. Each case contains a string. String length is not greater than 10000000 ( $10^7$ ). Assume that all character is in uppercase (A-Z), lowercase (a-z) and numeric (0-9).

## Output:

For each case, print the case number and sum of position. See the sample input/output for exact formatting.

## Sample Input/Output:

Sample Input	Sample Output
3	Case 1: 4
BUBTProgrammingClub	Case 2: -2
Testprogram	Case 3: 3
BUBTBUBT	

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