**Wordle**

Chef invented a modified wordle.

There is a hidden word *S* and a guess word *T*, both of length 5.

Chef defines a string *M* to determine the correctness of the guess word. For the *ith* index:

* If the guess at the *ith* index is correct, the *ith* character of *M* is G.
* If the guess at the *ith* index is wrong, the *ith* character of *M* is B.

Given the hidden word *S* and guess *T*, determine string *M*.

**Input Format**

* First line will contain *T*, number of test cases. Then the test cases follow.
* Each test case contains of two lines of input.
* First line contains the string *S* - the hidden word.
* Second line contains the string *T* - the guess word.

**Output Format**

For each test case, print the value of string *M*.

You may print each character of the string in uppercase or lowercase (for example, the strings BgBgBBgBgB, BGBGBBGBGB, bgbGBbgbGB and bgbgbbgbgb will all be treated as identical).

**Constraints**

* 1≤*T*≤1000
* ∣*S*∣=∣*T*∣=5
* *S*,*T* contain uppercase english alphabets only.

**Sample 1:**

Input

3

ABCDE

EDCBA

ROUND

RINGS

START

STUNT

Output

BBGBB

GBBBB

GGBBG

**Explanation:**

**Test Case 1:** Given string *S*=ABCDE and *T*=EDCBA. The string *M* is:

* Comparing the first indices, A≠EA=E, thus, *M*[1]=B.
* Comparing the second indices, B≠D, thus, *M*[2]=B.
* Comparing the third indices, C=C, thus, *M*[3]=G.
* Comparing the fourth indices, D≠B, thus, *M*[4]=B.
* Comparing the fifth indices, E≠A, thus, *M*[5]=B.  
  Thus, *M*=BBGBB.

**Test Case 2:** Given string *S*=ROUND and *T*=RINGS. The string *M* is:

* Comparing the first indices, R=R, thus, *M*[1]=G.
* Comparing the second indices, O≠I, thus, *M*[2]=B.
* Comparing the third indices, U≠N, thus, *M*[3]=B.
* Comparing the fourth indices, N≠G, thus, *M*[4]=B.
* Comparing the fifth indices, D≠S, thus, *M*[5]=B.  
  Thus, *M*=GBBBB.