String Mingling

Problem Statement

Pawel and Shaka recently became friends. On their planet, it is believed that their friendship will last forever, if they merge their favorite strings and etch it on the surface of a stone.

So we will mingle their favorite strings. The lengths of their favorite strings is same (say n). Mingling two strings, $P = p_1p_2 \ldots p_n$ and $Q = q_1q_2 \ldots q_n$, both of length n, will result in creation of a new string R of length $2 \times n$. It will have the following structure:

$$R = p_1q_1p_2q_2 \ldots p_nq_n$$

You are given two strings P (favorite of Pawel) and Q (favorite of Shaka), find the mingled string R.

Input
First line of input contains string P, and second line contains Q.

Output
Print string R.

Constraints

- $1 \leq n \leq 10^5$
- String consists of only lower case Latin characters ('a'-'z').
- $length(P) = length(Q) = n$

Sample Input #00

```
abcde
pqrst
```

Sample Output #00

```
apbqcrdset
```

Sample Input #01

```
hacker
ranker
```

Sample Output #01

```
hraacnkkeerr
```

Explanation
Sample Case #00:
$P = a \quad b \quad c \quad d \quad e$
$Q = p \quad q \quad r \quad s \quad t$
$R = ap\ bq\ cr\ ds\ et$

Sample Case #01:
$P = h \quad a \quad c \quad k \quad e \quad r$
$Q = r \quad a \quad n \quad k \quad e \quad r$
$R = hr\ aa\ cn\ kk\ ee\ rr$

Tested by Wanbo