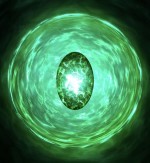
**GTI 725**

The Time Stone was one of the six Infinity Stones, the remnants of singularities that predated the universe. It had the ability to manipulate time, even in places "beyond" time, such as the Dark Dimension. It was contained inside the Eye of Agamotto under the protection of the Masters of the Mystic Arts, who swore to protect it. Doctor Strange came across the relic in Wong's library and used it to force a bargain with Dormammu. There are n strings that Dr. Strange put forward in Dormammu where two continuous string are interlaced with each other. **Note n is always four**

The resultant string is concat with each other where first pair is interlaced from second is interlaced from end and rotated counter clockwise by minimum length of the n strings the Dr. Strange used to bargain. Control the time and dark dimensions with the stone and steal it from Dr. Strange.



**Input Format**

Next 4 lines contains the string of varying length

**Constraints**

No constraints

**Output Format**

Single line string

**Sample Input 0**

ooa

cl

ct

he

**Sample Output 0**

chocolate

**Explanation 0**

Interlacing the string on every two we get:

ocola tech

Concatenation of two strings form

ocolatech

and rotation by twice as it's the minimum length among all

hocolatec chocolate

Thus the final answer