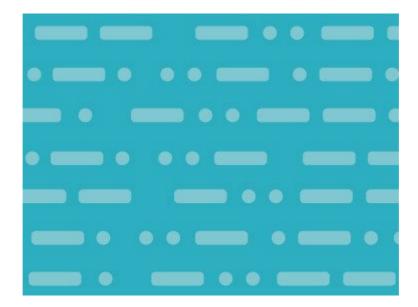
Your task is to decrypt the secret message using the Morse code.

The message will consist of words with 3 spaces between them and 1 space between each letter of each word. If the decrypted text starts with a letter then you'll have to print this letter in uppercase.



Input: The secret message.

Output: The decrypted text.

Example:

How it is used: For cryptography and spy work.

Precondition:

0 < len(message) < 100

The message will consists of numbers and English letters only.