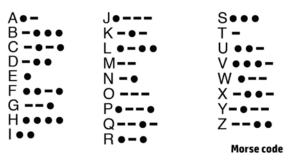
problem 12 Morse Code Palindrome

Introduction

Let's combine two of our favorite memes: Palindromes and Morse code.





Remember that a palindrome is a string that is the same forward and backward, ignoring any spaces or punctuation. So the word "ATE", which is encoded as "•- •", is a palindrome. So is the phrase "WE TAN".

Input

The input consists of one or more English words, written in upper case, per line. The input ends with a single period.

ELEGIZED
QUIRKILY
MERCURY
FACE A WINE
HAPPY DAY
FEVER REBEL
SOPRANOS
EMIT OLD UFO TIME
PROTEIN POWDER
ANNEXING
ENJOIN

Output

The program must convert the words to Morse code and determine if the pattern of dots and dashes is a palindrome. For each line of input, the program must print the line with the correct message, either "is a MCP", or "is *not* a MCP". Be sure to use the * characters to help the judges!

```
ELEGIZED is a MCP
QUIRKILY is a MCP
MERCURY is *not* a MCP
FACE A WINE is a MCP
HAPPY DAY is *not* a MCP
FEVER REBEL is a MCP
SOPRANOS is a MCP
EMIT OLD UFO TIME is a MCP
PROTEIN POWDER is *not* a MCP
ANNEXING is a MCP
ENJOIN is a MCP
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