

# problem 8

## Distinct Letters

4 points

### Introduction

The word “uncopyrightable” has the interesting property that each of the fifteen letters it contains is only used once. In the English language, there is no word longer than that uses distinct letters (each letter used in the word is used once, and once only).

There is one other 15 letter word with this property: “dermatoglyphics” (from ancient Greek derma = “skin”, glyph = “carving”), which is the scientific study of fingerprints.

Write a program to determine if a word uses distinct letters.



### Input

The input is a series of lines, with one word per line. The input ends with a single period.

```
UNCOPYRIGHTABLE
FLIPPER
EXECUTABLE
UNPROFITABLE
QUESTIONABLY
WINDOW
TAMBOURINE
.
```

### Output

The program must print each word with the correct message; either "USES DISTINCT LETTERS" or "DOES NOT USE DISTINCT LETTERS."

```
UNCOPYRIGHTABLE USES DISTINCT LETTERS
FLIPPER DOES NOT USE DISTINCT LETTERS
EXECUTABLE DOES NOT USE DISTINCT LETTERS
UNPROFITABLE USES DISTINCT LETTERS
QUESTIONABLY USES DISTINCT LETTERS
WINDOW DOES NOT USE DISTINCT LETTERS
TAMBOURINE USES DISTINCT LETTERS
```