



4

Oh Yeah

3 points

Introduction

Have you ever seen the movie "Ferris Bueller's Day Off" (1986)? It's a teen comedy about a high school senior, Ferris Bueller, who fakes illness to stay home from school. This movie popularized the song "Oh Yeah" by Swiss electronic music band Yello that lately was also used in some TV advertising campaigns. Maybe you seen one of them... This song repeats several times the expression "Oh Yeah!" but extending the pronunciation that could be transcribed as "Oooh Yeeeaahh!"

While writing the song lyrics repeating same expression can be quite boring, so why do not code a program to write down the vowels of the expression as many times as set by the input.

Input

An integer positive number defining the number of vowels to be repeated.

Output

In a single line the expression "Oh Yeah!" but repeating the vowels as the input sets.

Example

Input

3

Output

OOOH! YEEEAHH!

