

Problem L. Welcome



Ballon:
Time limit: 1 seconds
Memory limit: 512 megabytes

Bi's task is to typeset the message printed on HUSC's electronic board for the ICPC Asian Hue 2023 contest. The message line is: "Welcome Hue University of Sciences". Instead of typesetting, **Bi** copies a multi-line text from the HUSC website with the purpose of choosing words to create the above message.

Ask the students to determine whether **Bi** received the message from the above text or not?

Input

Input consists of a number of lines, each with many words separated by one space characters.

Output

Print **Yes** if the above message appears and **No** otherwise (case sensitive).

Examples

standard input	standard output
Welcome Hue University of Sciences	Yes
welcome Hue University of Sciences	No
Welcome Hue city Hue is the capital of Thua Thien Hue province University of Hue of my life Sciences scientific fields or scientific disciplines	Yes