Problem A. Heat

Input file:	`standard input`
Output file:	`standard output`
Time limit:	1 second
Memory limit:	256 megabytes

Formula 1 racecars used to cool their fuel by circulating it around their engine. This practice has been banned. The FIA would like to ensure that no teams are performing the banned practice. The FIA installed sensors to measure the ambient temperature as well as the racecar's fuel temperature.

The ambient temperature is measured once, whereas the fuel temperature is measured at 3 separate intervals per lap around the track. The FIA suspects a team is cheating if any of the fuel temperature measurements are 10°C less than the ambient temperature.

If a team is suspected of cheating, your program must output "Low", otherwise your program must output "Ok". Please note, the evaluator is case sensitive.

Input

The first line of input is a single integer A ($1 \leq A \leq 1000$), the ambient temperature.

The second line of input contains 3 space separated integers x_i ($1 \leq x_i \leq 1000$), the racecar's fuel temperature at the 3 separate intervals.

Output

Output the word "Low" if the team is suspected of cheating otherwise output "Ok".

Scoring

Subtask 1: (0 points) Examples.

Subtask 2: (50 points) It is guaranteed that the fuel temperature is higher than the ambient temperature.

Subtask 3: (50 points) No further restrictions.

Examples

standard input	standard output
28 13 25 19	Low
30 20 21 20	Ok
35 40 30 29	Ok

Note

Explanation of examples

Example 1: The temperature reading 13 is less than 18 = 28 - 10. The program outputs "Low".

Example 2: All the temperatures are at or above 20 = 30 - 10, the reading is "Ok".

Example 3: All the temperatures are above 25 = 35 - 10. The program reads "Ok".