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To be able or not to be able. That is the question.*2 points***Introduction**

Ana wants to buy a new house but she doesn't know if she has enough money. She will tell you how many euros she has saved, and how many euros the house costs. Can you help her to decide if she has enough money to buy the new house?

Come on, help again Ana!

Input

The input consists of two integers in two lines:

<Ana's savings>

<Cost of the new house>

Output

Print out the one of the following outputs once you confirm Ana is able or not to buy a new house:

Ana can buy the house !!

Ana can NOT buy the house :(

Example 1**Input**

500000

300000

Output

Ana can buy the house !!

Example 2**Input**

50000

300000

Output

Ana can NOT buy the house :(