

Check the Calendar!

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

Miss M and Mister N live on the planet Bitaculandia, where a year consists of 12 months, and each month — of 30 days. They recently discovered that some people could have been born on the same day, even though their birthdates are different. This is possible due to the change from the Bytulian calendar to the Bitulian calendar. All countries of Bitaculandia switched from one calendar to the other in very different years, so some birthdates of different residents who were born on the same day may differ. For example, the date of March 15th in the Bytulian calendar corresponds to March 28 in the Bitulian calendar, that is, a difference of 13 days forward.

Now Miss M and Mister N want to find out if they were not born on the same day if Mister N's birthdate is recorded according to the Bytulian calendar, and Miss M's — according to the Bitulian calendar. Help them with this!

Input

The first line contains two integers d_1 and m_1 ($1 \leq d_1 \leq 30$, $1 \leq m_1 \leq 12$) — the day and month according to the Bytulian calendar.

The second line contains two integers d_2 and m_2 ($1 \leq d_2 \leq 30$, $1 \leq m_2 \leq 12$) — the day and month according to the Bitulian calendar.

It is guaranteed that the date according to the Bytulian calendar is not later than the date according to the Bitulian calendar.

Output

Print "Same birthday!", if both dates denote the same day, and "Not the same" otherwise.

Examples

standard input	standard output
26 11 9 12	Same birthday!
1 1 20 12	Not the same