F: Footballers

Time Limit: 1 second(s)

The All Golds Rugby Club categorises members as Senior or Junior. Anyone over 17 years old is a `Senior`, as is anyone weighing 80 kg or more. Everyone else is a `Junior`. Your task is to correctly classify club members.

Input

The input consists of a single line containing a player's name followed by two positive integers, a ($5 \leq a \leq 60$) and w ($25 \leq w \leq 180$) being the age in years and weight in kilograms of the player. The player's name consists only of alphabetic characters i.e. there are no spaces in the name.

Output

Print, on a single line, the player's name, followed by a space, followed by the player's category, either `Junior` or `Senior`.

Sample Input and Output

Sample Input 1	Output for Sample Input
Joe 16 34	Joe Junior

Sample Input 2	Output for Sample Input
Bill 18 65	Bill Senior

Sample Input 3	Output for Sample Input
Billy 17 65	Billy Junior

Sample Input 4	Output for Sample Input
Sam 17 85	Sam Senior