NOTA INFORMATICA

A student wants to know what their grade in informatics, the rating is composed of the following%:

70% is the average of 6 qualifications tracking

20% of the qualification period review

10% of the rating of the self- assessment

If the final result of the rating is greater than or equal to 3.0, the material was passed and if the result is less than 3.0 the material was rejected. Make a program to take notes on the screen monitoring, and self-examination period and display on screen the state of matter.

SPANISH EXERCISE

Input

The first six entries correspond to notes of follow-up, the two following notes correspond to exam period and self respectively

Output

The output should be approved message (Minusculas)

Example

Input:

- 3 4 2,5 3 3,5 4 3,5
- 4

Output: aprobado