

Goal

You have set up a restaurant recommendation site. From the opinions left by the visitors, you have been able to build for each restaurant 3 ratings out of 20:

- Quality of the food
- Quality of the room
- Service quality

To rank the restaurants, you calculate a score that corresponds to the average of these 3 ratings.

Data

Input

Row 1: An integer N between 5 and 500 representing the number of restaurants in your base. Row 2 to N + I: three integers between 0 and 20 separated by spaces respectively representing the ratings that you have calculated from the opinions of visitors for the food, the room and the service for a given restaurant.

Output

An integer representing the score of the best restaurant in your base rounded up.

You can download sample input and output data files to work locally by clicking on the link at the bottom of the French version of the question



Téléchargez des fichiers d'exemple ainsi qu'un modèle de code pour travailler localement.