

Resist-our Pizza

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Pizza is one of the top food choices for the IEEE Xtreme Programming Competition in North American universities. Although delicious, there are 270 calories in each pizza slice, plus additional calories for toppings as described in the table below.

Pizza Topping	Calories
Anchovies	50
Artichoke	60
Bacon	92
Broccoli	24
Cheese	80
Chicken	30
Feta	99
Garlic	8
Ham	46
Jalapeno	5
Meatballs	120
Mushrooms	11
Olives	25
Onions	11
Pepperoni	80
Peppers	6
Pineapple	21
Ricotta	108
Sausage	115
Spinach	18
Tomatoes	14

This problem was designed to help teams select food for the IEEE Xtreme that would provide a more balanced diet and therefore improve their performance in the competition.

Task

Write a program that takes as an input a number of different pizza combinations and estimates the total calories eaten for that meal.

The input should be of the form: number of different pizza combinations, number of slices of each pizza, and toppings selected for each of the slices.

Input

The input will contain:

- 1 <= different pizza combinations <= 100
- For each pizza combination:
 - 0 <= Number of slices of pizza eaten < 100
 - A comma separated list of toppings with at least one topping (no spaces before/after commas).

Output

The output should state, “The total calorie intake is “ followed by the number of calories.

Note: There is a newline character at the end of the last line of the output string.

Sample Input 1

2 1 Pepperoni 2 Pineapple,Ham

Sample Output 1

The total calorie intake is 1024