

WAK SANI SATAY

Time Limit 2 second

Problem Description

Wak Sani Satay is a humble stall located in Kajang and has been around since 1969. Many like Wak Sani's satay because the meat is juicy and tender, served with creamy and sweet *kuah kacang*, alongside with *nasi impit*, cucumber and onion slices.

Wak Sani usually calculates his net profit at the end of the week. The net profit is calculated by subtracting the cost from the gross profit. He can get 85 sticks of satay from 1 kg meat. The price for 3 types of satay are shown in Table 1. The price for *nasi impit* is RM0.80 each while cucumber and onion slices are free of charge.

The cost for making satay for each meat type is shown in Table 2. The cost of spices to marinate satay for every kilogram of meat is RM8.00 and the cost for each *nasi impit* is RM0.20 each.

Table 1

Satay	Price per stick
Chicken	RM0.80
Beef	RM1.00
Lamb	RM1.20

Table 2

Meat	Price per kg
Chicken	RM7.50
Beef	RM24.00
Lamb	RM32.00

Write a program to find the weekly net profit.

Input

The input consists of a few sets of test cases. The first line for each data case is an integer N ($1 \leq N \leq 7$), which represents the number of days the stall is opened to customers for a week. It is

followed by N lines of data, each line represents the sales (in sticks) of chicken satay, beef satay, lamb satay and *nasi impit* per day. Input is terminated by a test case where N is 0.

Output

For each test case, output a line in the format "Case #x: RM" where x is the case number (starting from 1), follow by the calculated net profit in Malaysian currency format as shown in the sample output.

Sample Input Output

Sample Input	Sample Output
1 30 40 34 5 2 0 0 0 0 1 1 1 1 3 1000 1000 1000 10 5000 3000 4000 12 100 300 10 6 0	Case #1: RM71.27 Case #2: RM2.57 Case #3: RM10119.98