

Uncle Ted
Input File: UncleTed.txt

Your uncle Ted owns a very successful store, but he is not good in math. Ted is considering selling his entire inventory at a discount. Write a program to determine the sale price for three discount rates, and the amount of the discount. By the way, Uncle Ted is very finicky and wants to see the information formatted exactly to his specifications.

Inputs

The first line of input will contain the total value of the inventory, and the second line will contain the three discount rates Uncle Ted is considering.

Outputs

There will be three lines of output. The first line will begin with the words "Discount rate" followed by the discount percentages. The second line will begin with the words "Sale price" followed by the sale prices, and the third line will begin with the word "Discount" followed by the amount of the discounts. Please don't forget how finicky Uncle Ted is about the output format. The below sample output is in the format he demands.

Sample inputs

105434.78
10 20 25

Sample output

Discount rate	10%	20%	25%
Sale price	\$94,891.30	\$84,347.82	\$79,076.08
Discount	\$10,543.48	\$21,086.96	\$26,358.70