PROBLEM 12

Do you have enough money?

General Statement:
Read the amount of money you have and the prices of the items you intend to buy. Determine whether you have enough money to buy everything you selected or whether you are short of money. If you do not have enough money, indicate the amount of the shortfall. Be sure to include 8% tax when figuring the amount you need.

Input:
The first line in the data set is an integer that represents the number of data collections that follow. There are an unknown number of money amounts in each data set. The value –1 is used to indicate the end of the collection of prices.

Output:
All letters are to be upper case. Include the amount of shortfall if you do not have enough money. This money amount is to have a dollar sign ($) in front of the amount and it is to be rounded to 2 decimal places. The output is to be formatted exactly like that for the sample output given below.

Assumptions:
The –1 used to indicate the end of a data collection is not part of the data for the problem.

Sample Input:
3
10.50 7.60 1.26 3.49 -1
15.75 6.00 3.98 -1
21.00 5.25 5.75 4.76 3.98 1.50 -1

Sample Output:
$2.84 SHORT
ENOUGH MONEY
$1.94 SHORT