

Finished

THE CONTEST HAS ENDED.

G. Shopping

Score: 1
CPU: 2s
Memory: 510MB

Nishy is a girl of 15 years. For the upcoming EID festival she wants to go for shopping. For the shopping she has a certain amount of money and she makes a price list of items. Her brother is a computer programmer. So, she asked her brother to write a program for her that will give a message if she can buy all the items within the amount she has or not.

INPUT

The first line of input contains a positive integer T (T <= 100). In each case, there are three lines of input. First line contain one integer M (1<=M<=31000) represents the total amount and the second line contain N (1<=N<=100) is the number of items. Next the third line contains N different integers representing the prices of the items.

OUTPUT

Output should contain a message for each case. If she can buy all the items, print **"Go for shopping"**, if not print **"You dont have enough money"** without the quotes.

Sample

Input	Output
2	Go for shopping You dont have enough money
100 5 10 20 30 20 10	
100 1 500	

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