CSDC101.ZC11 Fundamentals of Computing
Laboratory Exercise 1

PERFECT SCORE: 5 / 5

INSTRUCTIONS

1) Submit a **cpp** file via the submission link provided in Moodle. The filename format is **`yoursurname-lab-1.cpp`**. Example: **`agapito-lab-1.cpp`**
   Note: 1 point deduction for incorrect filename.

2) Grading: 5 points if correct; 1 point otherwise.

3) Copy the comment block below and place it at the top of your program. Fill out the information correspondingly. Note: 1 point deduction for not following this instruction.

```
//*************************************************************
// Filename          :
// Date              :
// Subject           : CSDC101 - Fundamentals of Computing
//                     First Semester, SY 2018 - 2019
// Activity          :
// Problem Title     :
// Input             :
// Output            :
//
// Honor Code        :
//        I have not received any unauthorized help in
//        completing this work.
//
// Complete Name     : Jenilyn L. Agapito
// ID Number         : 2018-1-0316
// Year-Course       : 1-BSCS
// DCS, College of Computer Studies
// Ateneo de Naga University
//*************************************************************
```

Example:

```
//*************************************************************
// Filename          : agapito-lab-1.cpp
// Date              : 11 July 2018
// Subject           : CSDC101 - Fundamentals of Programming
//                     First Semester, SY 2018 - 2019
// Activity          : Laboratory Exercise 1
// Problem Title     : Lulu's Lemonades
// Input             :
// Output            :
//
// Honor Code        :
//        I have not received any unauthorized help in
//        completing this work.
//
// Complete Name     :
// ID Number         :
// Year-Course       : 1-BSCS
// DCS, College of Computer Studies
// Ateneo de Naga University
//*************************************************************
```

PROBLEM

1) **Lulu's Lemonades** (5 points)

Lulu sells lemonades and to make it more fun for her, she would often set a quota (in Php) that she needs to reach. She sells two lemonade sizes: **small** for **Php 60.00** and **tall** for **Php 75.00**. The challenge is that she can only sell five (5) lemonades. She often relies on the tips given by clients to meet the quota she has set.

Given her sales and the tips she had acquired, determine whether she was able to meet her quota or not.

INPUT
The input consists of several lines:

a) The input begins with **Q** – the quota she has set.
b) The second line consists of P_1 to P_5 – the prices of the lemonades she was able to sell.
c) Last is the total tip **T** she was able to get.

For this problem, there are **two** (2) cases that you need to process. They are separated by one blank line.

OUTPUT
For each case, determine whether Lulu was able to meet her quota. Display the corresponding message based on the following conditions.

a) If the sum of her sales and tip is less than the quota, print "**You need to sell more!**".

b) If the sum of her sales and tip meets her quota, print "**Quota has been met!**".
c) If the sum of her sales and tip is greater than the quota but less than twice the quota, print "**Great job!**".
d) If the sum of her sales and tip equals twice the quota or more, print "**You're such as pro!**".

Output for each case must be in its own line.

SAMPLE INPUT

```
500.00
60.00 60.00 60.00 60.00 60.00
100.00

300.00
75.00 75.00 60.00 75.00 75.00
300.00
```

SAMPLE OUTPUT

```
You need to sell more!
You're such a pro!
```