

LAB 3 : Please Submit Your Program Under Lab 3 basket in the DropBox

[1]. The local t-shirt shop sells shirts that retail for \$12. Quantity discounts are given as follow:

Number of Shirts Discount

5–10 10%

11–20 15%

21–30 20%

31 or more 25%

Write a program that prompts the user for the number of shirts required and then computes the total Price. Make sure the program accepts only nonnegative input.

Use the following sample runs to guide you:

Sample Run 1:

How many shirts would you like ?

4

The cost per shirt is \$12 and the total cost is \$48

Sample Run 2:

How many shirts would you like ?

0

The cost per shirt is \$12 and the total cost is \$0

Sample Run 3:

How many shirts would you like ?

8

The cost per shirt is \$10.80 and the total cost is \$86.40

Sample Run 4:

How many shirts would you like ?

-2

Invalid Input: Please enter a nonnegative integer

Submission: Name your program as Lab3.cpp and submit online to Lab 3 basket in the DropBox