

MyWriterMaster

Freelance Academic Writing



MyWritingMaster

Expert Qualification Test Programming

We are glad to offer you this EQT to test your subject matter depth and word doc formatting skills before taking you in our freelance expert writing team.

You will be judged on these aspects

- 1.Plagiarism and referencing:** Plagiarism (Copy pasting from external sources) is a strict offense and will result in cancellation of your solution straight away. Please note that all the assignments undergo a plagiarism test using Turnitin software and a content review from our expert reviewers before sending it to the client.
- 2.8 word doc formatting.**
- 3.Relevant content:** The solution should be to the point and as per the questions asked.
- 4. Written English language:** Your solution should have correct grammar and sentence formation etc.
- 5.Commitment to word limits and deadline.**

*If you have any doubts regarding the above 4 points please refer
<http://mywritingmaster.in/writing-methodology/>*

Start

Test assignment question 1: The shopping cart I

This program should allow the user to order from a small catalogue of three item displayed on the screen, then calculate the user's final bill, including taxation at 20%. A sample run might look like this: (User input in **bold**.)

Our catalogue [Product Codes in brackets]:
(1) Condensed Powdered water [P3487], \$2.50 per packet.
(2) Distilled Moonbeams [K3876], \$3.00 a dozen.
(3) Anti-Gravity Pills [Z9983], \$12.75 for 60.
Buy something!
Enter Order Number (0 to stop) : **K3876**
Enter Quantity: **2**
Enter Order Number (0 to stop) : **Powdered water**
Sorry, I don't understand! Use Product Codes only.
Enter Order Number (0 to stop) : **K3478**
Sorry, I don't understand! Use Product Codes only.
Enter Order Number (0 to stop) : **K3487**
Enter Quantity: **5**
Enter Order Number (0 to stop) : **0**
Your order:
2 Distilled Moonbeams @ \$3.00 = \$6.00
5 Condensed Powdered Water @ \$2.50 = \$12.50
Subtotal: \$18.50 Tax @ 20%: \$3.70 Grand Total: \$22.20

Test assignment question 1: The shopping cart II

The previous program doesn't give much help to a user who makes a mistake, and it even lets him make some mistakes, like ordering -2 products, or 1000000 products. Modify it so that it does not accept order quantities of less than 1, and queries order quantities of more than 100 (in other words, if a user orders more than 100 of an item, make him enter the figure twice).

If a user enters a non-existent product code, give the error message 'I don't recognize that Product Code'. (A non-existent product code will have an alphabetic character as its first character, followed by four digits, just like a real product code, but won't match a real product code.)

You will want to give a different error message if the user types in a product description or name or anything else (the same error message you gave in the previous program will be fine). Hint: study Java's 'string' functions. Using these functions, Java can let you, for example, examine the first character of a string, so that you can test whether or not it is a letter.

End