COP4338

Fall 2016

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Lab 1

Write a C program for a shopping list. Use the listed items and add one additional item to the list.

The source file should have your name & PantherID included in it and it should have the affirmation of originality.

Code should be nicely indented and commented.

All the field values should be in variables although an array does not have to be used. The extended price should be calculated with multiplication right while printing it out.

Create a simple Makefile to compile your program into an executable called lab1.

Submit this assignment in Moodle. You should submit the source code, your Makefile and a screenshot of the output file compressed into a zip file named lab1.zip. The source file name should be lab1.c and the screenshot should be named with your name. The Makefile should be called Makefile with no extension. I should be able to type make at the command line to compile your program. Do not include any other files or folders in the zipfile. This applies even if you are a Mac user.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Item Num | Description | Price | Count | Extended Price |
| 00034523 | Bookshelf |  $ 78.50  | 4 | $ 314.00  |
| 00747482 | Pen |  $ 2.99  | 100 |  $ 299.00  |
| 00098754 | Chair |  $ 129.99  | 6 | $ 779.94  |
| 00234234 | Camera |  $ 1295.40  | 3 |  $ 3886.20  |

Due 9/7/16