



Virtual Market

Console Application by using Python Programming Language
My 1st Semester Project.

Given Project Outline

You are supposed to make a live market which has at least 10 sections like Fruits, Bakery, Vegetables, Drinks, Pharmacy etc.

Requirements of a Virtual Market

1. The program must greet the user by his/her name
2. The user will be presented with a main menu containing the sections.
3. The user must select the section which will take him/her to sub menu of that section which contains at least 10 items with price per unit.
4. The user then either selects an item and its quantity to purchase or have an option to go back to main menu or is able to purchase multiple items before going to main menu.
5. The purchased items are added to the basket along with their price which can be viewed by the user at any time.
6. The user is allowed to remove an item from the basket completely or partially at any time and the basket must be updated accordingly.
7. Once the user is satisfied with the purchase he/she could move to the checkout where he/she must be presented with a final bill containing detail of items purchased.

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8. The user is allowed to get free coupon or can enter coupon to get 5% discount on total amount.
 9. The program must allow the change in menu items and their prices without changing the source code.
 10. The program must allow to change in number of sub sections without changing the source code.

Note

All the menu entries and coupons must be loaded in from files while the final bill must also be written to a file after showing it to the user on the screen.

