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ECS 102

Project proposal:

I am going to write a program that simulates a vending machine.

The computer will ask if the customer uses a credit card or cash, once chosen, the computer will display a catalog of the inventory, with prices, names, and quantities.

Then the computer will ask the customer to make a choice.

There is a random chance that the customer can get free item.

Then there will be instructions saying the item is delivered.

Then the vending machine will return changes using quarters if customer used cash prior.

There is also an option for vending machine workers to check the current inventory of coins and items using a prepared .txt file, the computer will out put a txt file with each quantities. The .txt file can be modified easily to fit any purpose.

we can modify the number, name, and price in the input files and the programm still gives right output.

There is two arrays each reading items from the .txt file, and the output is subject to the txt files.

There is a sortArray method, which will sort the sales item in alphabratical order.

and there will be an output .txt file with the same name(and modified content with changes.).

Reference (as of Dec.12):

There is no current reference at the moment.