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April 25, 2018

Tech Assessment – eCommerce Website Discounts

Program Submitted:

ecomdiscount.py

To compile the program, open the command prompt and type the below command.

$ python ecomdiscount.py

After that, enter the input file, representing a customer, that you wish to checkout and produce a bill for. After each input/bill is processed, the program will prompt the user again for the same request, seeking an input file. Please test the other input files in the same manner, changing their names appropriately. When done, the user should input **done** and the program will terminate.

$ Enter file name (customer): input-1.txt

$ Enter file name (customer): done

Input Files Structure

(In case you would like to produce your own test cases)

- *All files **must** follow this structure.*
- The first line specifies the customer type: employee, affiliate, 2-year-customer, or NA (not applicable).
- After that each item is followed by a number, representing the quantity purchased for that item.

Input Files

The table below summarizes the differences in what each input file is testing.

Input File Number	Employee	Affiliate	2-year-customer	NA (no % discount)	Discount on every $100	Item not in store	Quantity of 0 for an item	No non-groceries
1	✔				✔			
2		✔			✔			
3			✔		✔			
4				✔	✔			
5	✔					✔		
6		✔					✔	
7		✔			✔		✔	
8				✔				✔