

AP Computer Science Lab

Reading data from Input file

In some function, you should open the input file which is in the following format:

Sun Light Detergent	\$2.95	@2
Lined Notebook	\$0.89	@3
Nike Running Shoe	\$56.97	@1
Paper Towel	\$4.99	@4

for inputting single item names, the prices and the number of duplicates. You should be able to calculate total cost for these items that the customer purchased in the store. You also should apply the 7.75% sales tax on the total amount of purchase and provide the customer a grand total cost. At the end, you should print a receipt for customer. Your receipt output should be formatted and look like:

2@\$2.95	
Sun Light Detergent	\$5.90
3@\$0.89	
Lined Notebook	\$2.67
1@\$56.97	
Nike Running Shoe	\$56.97
4@\$4.99	
Paper Towel	\$15.96
Sub Total	\$81.50
Tax (7.75%)	\$6.32
Grand Total	\$87.82

The receipt should print out to the console AND write it to a file.