Please note that we don't need any UI for this solution. We will be reviewing the code and unit tests to see how you have solved the problem and Object Oriented Principles.

TILL DISCOUNT CALCULATOR

A Supermarket is running the following promotion
* 5% discount on books, food and drinks
* 20% discount on cloths
* 3% for all other items
* Additional 20% discount on top discounted price for all clearance items

When I purchase items I receive a receipt which lists the name of all the items and their price after discount, finishing with the total cost of the items after discount, and the amount saved (discount amount). The rounding rules for discount - rounded to the nearest cent (0.01)

Write an application that takes input from console and prints out the receipt details for these shopping baskets.

FIRST line in the input will be the number of items in the shopping basket.

INPUT:
Input 1:
4
1 book at 14.49
1 shirt at 19.99
1 chocolate bar at 1.00
1 clearance chocolate bar at 2.00

Input 2:
4
1 bottle of perfume at 27.99
1 bottle of wine at 18.99
1 dress at 9.75
1 box of chocolates at 11.25

EXPECTED OUTPUT
Output 1:
1 book at 13.77
1 shirt at 15.99
1 chocolate bar at 0.95
1 clearance chocolate bar at 1.52
Total: 32.23
You saved: 5.25

Output 2:
1 bottle of perfume at 27.15
1 bottle of wine at 18.04
1 dress at 7.80
1 box of chocolates at 10.69
Total: 63.68
You saved: 4.30