**Sales Tax Problem**

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The task should be completed in Java. Console printing is fine for the outputs, but your application should be able to parse the input as given in the example below from a source of your choosing (e.g. file, stdin / non-interactive console input, etc). We expect there to be unit test coverage in line with what you believe is suitable for a production application. I.e. we do not expect a particular style or percentage of test coverage - use whatever you think is most valuable.

Please reply with a zip containing the source code and a text file listing any assumptions you made to solve the problem.

**Problem description:**

Basic sales tax is applicable at a rate of 10% on all goods, except books, food, and medical products which are exempt. Import duty is an additional sales tax applicable on all imported goods at a rate of 5%, with no exemptions.

When I purchase items I receive a receipt which lists the name of all the items and their price (including tax), finishing with the total cost of the items, and the total amounts of sales taxes paid.  The rounding rules for sales tax are that for a tax rate of n%, a shelf price of p contains (np/100 rounded up to the nearest 0.05) amount of sales tax.

Write an application that prints out the receipt details for these inputs:

**INPUT:**

Input 1:

1 book at 12.49

1 music CD at 14.99

1 chocolate bar at 0.85

Input 2:

 1 imported box of chocolates at 10.00

 1 imported bottle of perfume at 47.50

Input 3:

 1 imported bottle of perfume at 27.99

 1 bottle of perfume at 18.99

 1 packet of headache pills at 9.75

 1 box of imported chocolates at 11.25

**OUTPUT:**

Output 1:

 1 book : 12.49

 1 music CD: 16.49

 1 chocolate bar: 0.85

 Sales Taxes: 1.50

 Total: 29.83

Output 2:

1 imported box of chocolates: 10.50

 1 imported bottle of perfume: 54.65

 Sales Taxes: 7.65

 Total: 65.15

Output 3:

 1 imported bottle of perfume: 32.19

 1 bottle of perfume: 20.89

 1 packet of headache pills: 9.75

 1 imported box of chocolates: 11.85

 Sales Taxes: 6.70

 Total: 74.68

Here is an idea of what we are expecting:

* Well structured code that follows Object Oriented design principles
* Some parsing logic
* Test cases to verify your code works
* Minimal or no hard-coding, it should be easy to supply input to your program
* Clear instructions on how we can easily run and test your program
* Hint: Think accuracy when rounding the sales tax values