Hoang test document

Files structure: main.rb, service.rb, order.rb, product.rb, receipt.rb

How it work
1. Copy folder **hoangtest** to your directory
2. In terminal, CD to inside of the folder **hoangtest** (EX: ~/Projects/tests/jobready/hoangtest)
3. run the command: **$ ruby main.rb**

```
$ ruby main.rb
*****************************************
*************** TESTING ***************
*****************************************
 ========== SELECT FUCNTION =========
 ======= Show list products: 1
 ======= Show list orders: 2
 ======= Show list receipts (from dummy data): 3
 ======= Order item: 4
 ======= THOAT: 0
Please input value (0 -> 4): █
```

- Input 1: show list of product (from dummy data)

```
-------------------------------- PRODUCTS ------------------------------------
ID |                Name               |  Price |   Tax   |  Price + Tax
------------------------------------------------------------------------------
 1 |    book                           |  12.49 |  0.00   |    12.49
 2 |    music cd                       |  14.99 |  0.10   |    16.49
 3 |    chocolate bar                  |  10.15 |  0.00   |    10.15
 4 |    imported box of chocolates     |  10.00 |  0.05   |    10.50
 5 |    imported bottle of perfume     |  47.50 |  0.10   |    52.25
 6 |    imported bottle of perfume     |  27.99 |  0.05   |    29.39
 7 |    bottle of perfume              |  18.99 |  0.05   |    19.94
 8 |    packet of headache pills       |  97.51 |  0.00   |    97.51
 9 |    box of imported chocolates     |  11.25 |  0.04   |    11.70
------------------------------------------------------------------------------
```

- Input 2: show list orders (from dummy data)

```
------------------------------------ ORDERS -----------------------------------
Quantity|              Product Name          | Price | Tax  | Price + Tax
-------------------------------------------------------------------------------
   1    | book                               | 12.49 | 0.00 | 12.49
   1    | music cd                           | 14.99 | 0.10 | 16.49
   1    | chocolate bar                      | 10.15 | 0.00 | 10.15
   1    | imported box of chocolates         | 10.00 | 0.05 | 10.50
   1    | imported bottle of perfume         | 47.50 | 0.10 | 52.25
   1    | imported bottle of perfume         | 47.50 | 0.10 | 52.25
   1    | bottle of perfume                  | 18.99 | 0.05 | 19.94
   1    | packet of headache pills           | 97.51 | 0.00 | 97.51
   1    | box of imported chocolates         | 11.25 | 0.04 | 11.70
-------------------------------------------------------------------------------
```

- Input 3: show list receipts (from dummy data)

```
========================= ALL RECEIPTS ============================
------------------------- RECEIPT DETAIL -----------------------
Quantity|            Product Name           | Price | Tax  | Price + Tax
------------------------------------------------------------------
    1    | book                             | 12.49 | 0.00 | 12.49
    1    | music cd                         | 14.99 | 0.10 | 16.49
    1    | chocolate bar                    | 10.15 | 0.00 | 10.15

Sales Taxes: 0.1
Total: 37.63
Sum: 37.73
------------------------------------------------------------------
------------------------- RECEIPT DETAIL -----------------------
Quantity|            Product Name           | Price | Tax  | Price + Tax
------------------------------------------------------------------
    1    | imported box of chocolates       | 10.00 | 0.05 | 10.50
    1    | imported bottle of perfume       | 47.50 | 0.10 | 52.25

Sales Taxes: 0.15
Total: 57.5
Sum: 57.65
------------------------------------------------------------------
------------------------- RECEIPT DETAIL -----------------------
Quantity|            Product Name           | Price | Tax  | Price + Tax
------------------------------------------------------------------
    1    | imported bottle of perfume       | 47.50 | 0.10 | 52.25
    1    | bottle of perfume                | 18.99 | 0.05 | 19.94
    1    | packet of headache pills         | 97.51 | 0.00 | 97.51
    1    | box of imported chocolates       | 11.25 | 0.04 | 11.70

Sales Taxes: 0.19
Total: 175.25
Sum: 175.44
------------------------------------------------------------------
==================================================================
```

- Input 4: Create new order

```
------------------------------ PRODUCTS ---------------------------------
ID |                  Name            |  Price  |  Tax   |  Price + Tax
------------------------------------------------------------------------
 1 |      book                        |  12.49  |  0.00  |    12.49
 2 |      music cd                    |  14.99  |  0.10  |    16.49
 3 |      chocolate bar               |  10.15  |  0.00  |    10.15
 4 |      imported box of chocolates  |  10.00  |  0.05  |    10.50
 5 |      imported bottle of perfume  |  47.50  |  0.10  |    52.25
 6 |      imported bottle of perfume  |  27.99  |  0.05  |    29.39
 7 |      bottle of perfume           |  18.99  |  0.05  |    19.94
 8 |      packet of headache pills    |  97.51  |  0.00  |    97.51
 9 |      box of imported chocolates  |  11.25  |  0.04  |    11.70
------------------------------------------------------------------------
Input product ID (1 -> 9):
```

- Choose product from list (input product ID) and input number of product.

```
----------------------------------- PRODUCTS -----------------------------------------
ID |                   Name              |  Price  |   Tax   |  Price + Tax
--------------------------------------------------------------------------------------
 1 |     book                            |  12.49  |  0.00   |    12.49
 2 |     music cd                        |  14.99  |  0.10   |    16.49
 3 |     chocolate bar                   |  10.15  |  0.00   |    10.15
 4 |     imported box of chocolates      |  10.00  |  0.05   |    10.50
 5 |     imported bottle of perfume      |  47.50  |  0.10   |    52.25
 6 |     imported bottle of  perfume     |  27.99  |  0.05   |    29.39
 7 |     bottle of perfume               |  18.99  |  0.05   |    19.94
 8 |     packet of headache pills        |  97.51  |  0.00   |    97.51
 9 |     box of imported chocolates      |  11.25  |  0.04   |    11.70
--------------------------------------------------------------------------------------
Input product ID (1 -> 9): 4
Input quantity: 5
======= Exit and show current receipt detail: 6
======= Press another number to order continue
Option: █
```

- Option: continue order or exit & show receipt detail. Ex: input 6

```
 ======= Exit and show current receipt detail: 6
 ======= Press another number to order continue
Option: 6
-------------------------- RECEIPT DETAIL ----------------------------
Quantity|              Product Name        | Price | Tax  | Price + Tax
----------------------------------------------------------------------
    5    | imported box of chocolates      | 10.00 | 0.05 | 10.50

Sales Taxes: 0.25
Total: 50.0
Sum: 50.25
----------------------------------------------------------------------
 ========== SELECT FUCNTION =========
 ======= Show list products: 1
 ======= Show list orders: 2
 ======= Show list receipts (from dummy data): 3
 ======= Order item: 4
 ======= THOAT: 0
Please input value (0 -> 4): █
```

- Choose option:
1: list products, all products from dummy data
2: list orders, all orders from dummy data and new orders
3: list receipts, all receipts from dummy data and new receipts
4: continue to create order