EGCO 213

Group Project 1 - Hotel Booking Simulation

The project can be done in a group of <= 4 students. Each group must do the project by themselves. **Everyone** involved in cheating will get **ZERO** point

- 1. Implement class Room and class Meal that represents an individual hotel item read from hotel.txt. Each line of the input file consists of
 - Column 0 = item type (R = room, M = meal)
 - Column 1 = item name
 - Column 2 = rate
 - Room rate = price per room (or per bed) without service charge and VAT
 - Meal rate = price per head including service charge and VAT

Your class should have variables to keep total sales in cash and total sales in units.

Don't hard code item information. I may change item names and rates to check whether your calculation is correct. But there are always 5 items in this file, with 1 meal item being the last item.

- 2. Implement class Customer that represents an individual customer. Customer name is read from <u>bookings.txt</u> in (3). Your class should have a variable to keep cashback calculated from booking
- 3. Implement class Booking that represents an individual booking read from bookings.txt. Each line of the input file consists of
 - Column 0 = booking ID
 - Column 1 = customer name
 - Column 2 = nights
 - Last 5 columns = units of items 1-5 (corresponding to items in hotel.txt)

```
7
    Annie,
               2,
                        1,
                            1,
                                 1,
2,
    Betty,
               5,
                   2,
                        2,
                            0,
                                 0,
                                     6
3,
    Cathy,
               3,
                   0,
                       5,
                            0, 20, 30
4,
    Annie,
             10,
                   0,
                       0,
                            5,
                                 0, 14
              4,
    David,
                   1,
                       5,
                            1,
                               10, 20
              5,
                       5,
6,
    Ellen,
                   5,
                                 0, 18
                            1,
    David,
             10,
                                 0, 15
                   3,
```

R, Single Room,

R, Triple Room,

R, Single Dorm Bed,

R, Twin Room,

M, Breakfast,

1300

1800

2400

600

250

Lines that contain identical names are bookings by the same customers. For example, in order #1, Annie books {1 single room, 1 twin room, 1 triple room, 1 single dorm bed, 7 heads of breakfast} for 2 nights. Orders #1 and #4 are from the same person (Annie).

Don't hard code booking information. I may change customer names, nights, or number of items to check whether your calculation is correct. I may also add/remove some lines (number of bookings is not fixed).

Your class must have method **process** to process each booking as follows:

- 3.1 Calculate total room price for all nights. The price must include service charge and VAT
 - Service charge = 10% of room rate
 - VAT = 7% of room rate including service charge
- 3.2 Calculate total meal price for all nights
- 3.3 Calculate total bill = total room price + total meal price

- 3.4 Check customer's cashback
 - If this is the customer's first order, add him/her to customer list. Set cashback = 0
 - If this customer already exists, get available cashback. Cashback redemption is limited to 50% of total bill in (3.3); redemption <1 full baht is excluded. For example, if total bill = 3,560.20 → max redemption = 1,780 baht
- 3.5 Calculate final bill = total bill cashback redemption
- 3.6 Update customer's cashback for the next order
 - After redemption in (3.4)
 - Add cashback earned by the current booking = 0.05 * total room price in (3.1). Cashback <1 full baht is excluded. For example, if total room price = 14,359.40 → cashback = 717 baht
- 3.7 Design your own output format, but it must show at least: booking information read from input file, total room price (3.1), total meal price (3.2), final bill (3.5), and cashback (3.6)
- 4. Implement main class with main method
 - 4.1 Read data from input files
 - 4.2 Process each booking
 - 4.3 Report all rooms and their total sales in units and in cash, sorted in decreasing order of sales in units
 - 4.4 Report total sales in units and in cash of meal
- 5. The program must be able to handle the following errors/exceptions
 - 5.1 Missing files if hotel.txt or bookings.txt is missing
 - 5.2 bookings.txt may contain input errors as in bookings_errors.txt, but no input error hotel.txt
 - Missing values, e.g. only 4 items instead of 5 items in a line
 - Format errors, e.g. "O (oh)" instead of "O (zero)"
 - Invalid numbers, e.g. negative value for nights or units

You may handle these errors by:

- Skipping the whole line. Skipped bookings must not be added to room and meal sales.
- Replacing them with some default values e.g. 0
- All exception handling must be reported, so I can check whether your calculation is correct.
- 5.3 Handling the above errors/exceptions means your program must be able to continue and give correct output. Printing messages and ending the program doesn't count as proper exception handling.
- 6. Package and folder structure must be correct
 - 6.1 Your source files (.java) must be in folder Project1_XXX where XXX = ID of the group representative, assuming that this folder is under Maven's "src/main/java" structure. The first lines of all source files must be comments containing names & IDs of all members.
 - 6.2 Input files must be read from Project1 XXX. Don't use absolute path that is valid only on your PC.
 - 6.3 Add readme.txt containing names & IDs of all members in Project1_XXX.

Submission

- 1. Group representative zips and submits Project1_XXX to Google classroom
- 2. Other members submit only readme.txt to Google classroom

Grading

4 points requirements + correct results (total room price, total meal price, final bill, cashback)

1.5 points correct summary report (sorted room sales, meal sales)1.5 points proper exception handling (missing files, input errors)

3 points proper design & programming in OOP style

```
-- exec-maven-plugin:3.0.0:exec (default-cli) @ solutions --
                                                                                                           Demo 1
Read hotel data from file src/main/java/Projectl/hotel.txt
                                                         Single Room
                                                                                                          No error
                                  rate++ = 1,530.10
Single Room
                  rate = 1,300.00
                                                         • Service charge = 1300 * 0.1 = 130
Twin Room
                  rate = 1,800.00
                                     rate++ = 2,118.60
Triple Room
                 rate = 2,400.00 rate++ = 2,824.80
                                                         • VAT = (1300 + 130) * 0.07 = 100.10
                                  rate++ =
                 rate = 600.00
rate = 250.00
Single Dorm Bed
                                               706.20
                                     rate++ = 250.00
                                                       Rate++ = 1430 + 100.10 = 1530.10
Breakfast
Read booking data from file src/main/java/Projectl/bookings.txt
==== Booking Processing ====
Available cashback = 0
                          >> Total room price++ = 14,359.40
                                                               with service charge and VAT
                                                            redeem = 0 Cashback = 14359.40 * 0.05 = 717.95 = 717
                          >> Total meal price =
                                                  3,500.00
                                             = 17,859.40
= 17,859.40
                          >> Total bill
                          >> Final bill
                                                               cashback for next booking = 717
Booking 2, Betty, 5 nights >> Single Room ( 2) Twin Room ( 2) Triple Room ( 0)
                                                                                Single Dorm Bed ( 0) Breakfast ( 6)
Available cashback = 0
                          >> Total room price++ = 36,487.00
                                                               with service charge and VAT
                          >> Total meal price =
                                                   7,500.00
                                              = 43,987.00
                                                               redeem = 0
                          >> Total bill
                                             = 43,987.00
                          >> Final bill
                                                               cashback for next booking = 1,824
Booking 3, Cathy, 3 nights >> Single Room ( 0) Twin Room ( 5) Triple Room ( 0) Single Dorm Bed ( 20) Breakfast ( 30)
Available cashback = 0
                          >> Total room price++ = 74,151.00
                                                               with service charge and VAT
                          >> Total meal price = 22,500.00
                          >> Total bill
                                              = 96,651.00
                                                              redeem = 0
                          >> Final bill
                                               = 96,651.00
                                                               cashback for next booking = 3,707
Booking 4, Annie, 10 nights >> Single Room ( 0) Twin Room ( 0) Triple Room ( 5) Single Dorm Bed ( 0) Breakfast ( 14)
Available cashback = 717
                          >> Total room price++ = 141,240.00
                                                               with service charge and VAT
                          >> Total meal price = 35,000.00
                          >> Total bill
                                              = 176,240.00
                                                               redeem = 717
                          >> Final bill
                                               = 175,523.00
                                                               cashback for next booking = 7,062
Booking 5. David. 4 nights >> Single Room ( 1) Twin Room ( 5)
                                                              Triple Room ( 1)
                                                                                Single Dorm Bed ( 10) Breakfast ( 20)
                          >> Total room price++
Available cashback = 0
                                              = 88,039,60
                                                               with service charge and VAT
                          >> Total meal price = 20,000.00
                          >> Total bill
                                              = 108,039.60
                                              = 108,039.60
                          >> Final bill
                                                              cashback for next booking = 4,401
Booking 6, Ellen, 5 nights >> Single Room ( 5) Twin Room ( 5) Triple Room ( 1) Single Dorm Bed ( 0) Breakfast ( 18)
Available cashback = 0
                          >> Total room price++ = 105,341.50
                                                               with service charge and VAT
                          >> Total meal price = 22,500.00
>> Total bill = 127,841.50
                                                              redeem = 0
                          >> Final bill
                                              = 127.841.50
                                                              cashback for next booking = 5.267
Booking 7, David, 10 nights >> Single Room ( 3) Twin Room ( 6) Triple Room ( 0) Single Dorm Bed ( 0) Breakfast ( 15)
Available cashback = 4,401
                          >> Total room price++ = 173,019.00
                                                               with service charge and VAT
                          >> Total meal price =
                                                37,500.00
                                              = 210.519.00
                          >> Total bill
                                                               redeem = 4.401
                                              = 206,118.00
                          >> Final bill
                                                               cashback for next booking = 8,650
Booking 8, Annie, 4 nights >> Single Room ( 0)
                                             Twin Room ( 1)
                                                               Triple Room ( 5)
                                                                                 Single Dorm Bed ( 15)
                                                                                                     Breakfast ( 31)
Available cashback = 7,062
                          >> Total room price++ = 107,342.40
                                                               with service charge and VAT
                          >> Total meal price = 31,000.00
                                              = 138,342.40
                                                               redeem = 7,062
                          >> Total bill
                                           = 131,280.40
                          >> Final bill
                                                               cashback for next booking = 5,367
```

```
Booking 9, Cathy, 3 nights >> Single Room ( 0) Twin Room ( 4) Triple Room ( 4) Single Dorm Bed ( 0) Breakfast ( 20)
Available cashback = 3,707 >> Total room price++ = 59,320.80
                                                                 with service charge and VAT
                          >> Total meal price = 15,000.00
                                               = 74,320.80
= 70,613.80
                           >> Total bill
                                                                 redeem = 3,707
                           >> Final bill
                                                                 cashback for next booking = 2,966
Booking 10, Frodo, 6 nights >> Single Room ( 2) Twin Room ( 3) Triple Room ( 0) Single Dorm Bed ( 4) Breakfast ( 12)
Available cashback = 0
                           >> Total room price++ = 73,444.80
                                                                 with service charge and VAT
                           >> Total meal price = 18,000.00
                           >> Total bill
                                                    91,444.80
                                               = 91,444.80
                           >> Final bill
                                                                 cashback for next booking = 3,672
Booking 11, Ellen, 1 nights >> Single Room ( 2) Twin Room ( 0) Triple Room ( 0) Single Dorm Bed ( 0) Breakfast ( 2)
Available cashback = 5,267
                           >> Total room price++ = 3,060.20
                                                                 with service charge and VAT
                           >> Total meal price =
                                                      500.00
                                                                 >> Total bill
                                                = 3,560.20
                                                = 1,780.20
                           >> Final bill
                                                                 cashback for next booking = 3,640
Booking 12, Ginny, 3 nights >> Single Room ( 2) Twin Room ( 10) Triple Room ( 2) Single Dorm Bed ( 0) Breakfast ( 28)
                           >> Total room price++ = 89,687.40
>> Total meal price = 21,000.00
Available cashback = 0
                                                                 with service charge and VAT
                           >> Total bill
                                                = 110,687.40
                                                                 redeem = 0
                           >> Final bill
                                                = 110,687,40
                                                                 cashback for next booking = 4,484
 ==== Room Summary ===
Single Dorm Bed total sales = 50 rooms
                                          35,310.00 Baht
                 total sales = 42 rooms 88,981.20 Baht
total sales = 19 rooms 53,671.20 Baht
Twin Room
Triple Room
                total sales = 18 rooms 27,541.80 Baht
Single Room
===== Meal Summary =====
                 total sales = 203 heads
Breakfast
                                          50.750.00 Baht
```

```
--- exec-maven-plugin:3.0.0:exec (default-cli) @ solutions --
  java.io.FileNotFoundException: src\main\java\Project1\hotels.txt (The system cannot find the file specified)
  Enter file name for hotel data =
                                                                  Missing file \rightarrow keep asking for a new file name
  java.io.FileNotFoundException: src\main\java\Project\\hotel (The system cannot find the file specified)
  Enter file name for hotel data :
  hotel.txt
  Read hotel data from file src/main/java/Projectl/hotel.txt
                                                                                                               Demo 2
                      rate = 1,300.00
                                            rate++ = 1,530.10
  Single Room
                      rate = 1,800.00
                                                                                                Skip lines with errors
  Twin Room
                                          rate++ = 2.118.60
                                           rate++ = 2,824.80
  Triple Room
                     rate = 2,400.00
  Single Dorm Bed
                       rate =
                                600.00
                                            rate++ =
                       rate = 250.00
                                            rate++ = 250.00
  Breakfast
  java.io.FileNotFoundException: src\main\java\Projectl\bookings error.txt The system cannot find the file specified)
  Enter file name for booking data =
  bookings errors
  java.io.FileNotFoundException: src\main\java\Projectl\bookings_errors (Tbe system cannot find the file specified)
  Enter file name for booking data =
  bookings errors.txt
  Read booking data from file src/main/java/Projectl/bookings_errors.txt
  java.lang.NumberFormatException: For input string: "S"
                                                                  Input errors > skip whole line
  [1, Annie, S, 1, 1, 1, 1, 7] --> skip this booking
  java.lang.ArrayIndexOutOfBoundsException: Index 7 out of bounds for length 7
  [2, Betty, 5, 2, 2, 0, 6] \longrightarrow skip this booking
  Projectl.InvalidInputException: For input: -3
  [3, Cathy, -3, 0, 5, X, 20, 30] --> skip this booking
  Projectl.InvalidInputException: For input: -4
  [9, Cathy, 3, 0, 4, -4, 0, 20] --> skip this booking
  java.lang.NumberFormatException: For input string: "2.8"
  [12, Ginny, 3, 2, 10, 2, 0, 2.8] --> skip this booking
```

```
== Booking Processing ==
Booking 4, Annie, 10 nights >> Single Room ( 0) Twin Room ( 0) Triple Room ( 5)
                                                                                         Single Dorm Bed ( 0) Breakfast ( 14)
Available cashback = 0
                             >> Total room price++ = 141,240.00 with service charge and VAT
                             >> Total meal price
                                                    = 35,000.00
                             >> Total bill
                                                    = 176,240.00
                                                                    redeem = 0
                                                    = 176,240.00
                              >> Final bill
                                                                      cashback for next booking = 7.062
                  O nights doesn't lead to program crash or wrong calculation. You may treat it as valid input
Booking 5, David, 0 nights >> Single Room ( 1) Twin Room ( 5) Triple Room ( 1) Single Dorm Bed ( 10) Breakfast ( 20)
Available cashback = 0 >> Total room price++ = 0.00 with service charge and VAT
Available cashback = 0
                             >> Total meal price =
                                                            0.00
                             >> Total bill
                                                            0.00
                                                            0.00 cashback for next booking = 0
                             >> Final bill
Booking 6, Ellen, 5 nights >> Single Room ( 5) Twin Room ( 5) Triple Room ( 1) Single Dorm Bed ( 0) Breakfast ( 18)
                             >> Total room price++ = 105,341.50 with service charge and VAT
Available cashback = 0
                             >> Total meal price
                                                    = 22.500.00
                             >> Total bill
                                                    = 127,841.50
                                                                    redeem = 0
                             >> Final bill
                                                    = 127,841.50
                                                                      cashback for next booking = 5,267
Booking 7, David, 10 nights >> Single Room ( 3)
                                                   Twin Room ( 6) Triple Room ( 0)
                                                                                         Single Dorm Bed ( 0)
                                                                                                                 Breakfast ( 15)
Available cashback = 0
                             >> Total room price++
                                                    = 173,019.00
                                                                      with service charge and VAT
                             >> Total meal price
                                                    = 37,500.00
                                                    = 210.519.00
                                                                      redeem = 0
                             >> Total bill
                             >> Final bill
                                                    = 210,519.00
                                                                      cashback for next booking = 8,650
Booking 8, Annie, 4 nights >> Single Room ( 0) Twin Room ( 1) Triple Room ( 5)
                                                                                         Single Dorm Bed ( 15) Breakfast ( 31)
                             >> Total room price++ = 107,342.40
Available cashback = 7,062
                                                                      with service charge and VAT
                                                    = 31,000.00
                             >> Total meal price
                             >> Total bill
                                                    = 138,342.40
                                                                      redeem = 7,062
                                                    = 131,280.40
                                                                      cashback for next booking = 5,367
                             >> Final bill
Booking 10, Frodo, 6 nights >> Single Room ( 2) Twin Room ( 3) Triple Room ( 0) Single Dorm Bed ( 4) Breakfast ( 12)
                             >> Total room price++ = 73,444.80
Available cashback = 0
                                                                      with service charge and VAT
                             >> Total meal price = 18,000.00
                             >> Total bill
                                                    = 91,444.80
                                                                     redeem = 0
                             >> Final bill
                                                    = 91,444.80 cashback for next booking = 3,672
Booking 11, Ellen, 1 nights >> Single Room ( 2) Twin Room ( 0) Triple Room ( 0) Single Dorm Bed ( 0) Breakfast ( 2)
Available cashback = 5,267
                             >> Total room price++ = 3,060.20
                                                                      with service charge and VAT
                             >> Total meal price =
                                                          500.00
                             >> Total bill = 5,000.
| 1,780.20
                                                                      redeem = 1,780
                                                                      cashback for next booking = 3,640
==== Room Summary =====
Single Dorm Bed total sales = 29 rooms 20,479.80 Baht
Twin Room total sales = 20 rooms 42,372.00 Baht
Single Room total sales = 13 rooms 19,891.30 Baht
Triple Room total sales = 12 rooms 33,897.60 Baht
                                                                     Items in skipped lines are not
                                                                     added to total sales
   == Meal Summary ===
                  total sales = 112 heads
                                               28.000.00 Baht
Breakfast
```

```
--- exec-maven-plugin:3.0.0:exec (default-cli) @ solutions ---
   Read hotel data from file src/main/java/Projectl/hotel.txt
                      rate = 1,300.00
                                          rate++ = 1.530.10
   Single Room
                                         rate++ = 2,118.60
                     rate = 1,800.00
   Twin Room
                     rate = 2,400.00
                                          rate++ = 2,824.80
   Triple Room
                      rate = 600.00
                                          rate++ = 706.20
   Single Dorm Bed
                                                                                                           Demo 3
                      rate = 250.00
                                         rate++ = 250.00
                                                                                            Use default value (0)
   Read booking data from file src/main/java/Project1/bookings errors.txt
   java.lang.NumberFormatException: For input string: "S"
   Original [1, Annie, S, 1, 1, 1, 1, 7] --> Correction [1, Annie, (0, 1, 1, 1, 1, 7]
   Projectl.MissingInputException: 1 columns missing
   Original [2, Betty, 5, 2, 2, 0, 6] --> Correction [2, Betty, 5, 2, 2, 0, 6, 0]
   Projectl.InvalidInputException: For input: -3
   \verb"java.lang.NumberFormatException: For input string: "X""
   Original [3, Cathy, -3, 0, 5, X, 20, 30] --> Correction [3, Cathy, (0, 0, 0, 5, (0, 20, 30)]
   Projectl.InvalidInputException: For input: -4
   java.lang.NumberFormatException: For input string: "20"
   Original [9, Cathy, 3, 0, 4, -4, 0, 20] --> Correction [9, Cathy, 3, 0, 4, (0, 0, 0)]
   java.lang.NumberFormatException: For input string: "2.8"
   Original [12, Ginny, 3, 2, 10, 2, 0, 2.8] --> Correction [12, Ginny, 3, 2, 10, 2, (01)
```

1				
Booking Apple Orights		Twin Poom (1)	Triple Room (1) Single Dorm Bed (1)	Breakfact (7)
Booking 1, Annie, 0 hights Available cashback = 0	>> Single Room (1) >> Total room price++		Triple Room (1) Single Dorm Bed (1) with service charge and VAT	Breakfast (7)
	>> Total meal price	= 0.00		
	>> Total bill	= 0.00	redeem = 0	
	>> Final bill	= 0.00	cashback for next booking = 0	
Packing 2 Patty 5 mights	>> Single Boom / 2)	Trein Boom (2)	Twinle Been (0) Single Dawn Red (5)	Prophfort (0)
Booking 2, Betty, 5 nights Available cashback = 0	>> Single Room (2) >> Total room price++		Triple Room (0) Single Dorm Bed (6) with service charge and VAT	Breakfast (0)
Available cashback = 0	>> Total meal price		with service charge and var	
	>> Total bill	= 57,673.00	redeem = 0	
	>> Final bill	= 57,673.00	cashback for next booking = 2,883	
Booking 3, Cathy, 0 hights Available cashback = 0	>> Single Room (0) >> Total room price++		Triple Room (0) Single Dorm Bed (20)	Breakfast (30)
Available Cashback - 0	>> Total meal price++	= 0.00	with service charge and VAT	
	>> Total bill	= 0.00	redeem = 0	
	>> Final bill	= 0.00	cashback for next booking = 0	
Booking 4, Annie, 10 nights			Triple Room (5) Single Dorm Bed (0)	Breakfast (14)
Available cashback = 0	>> Total room price++ >> Total meal price	= 141,240.00 = 35,000.00	with service charge and VAT	
	>> Total meal price >> Total bill	= 176,240.00	redeem = 0	
	>> Final bill	= 176,240.00	cashback for next booking = 7,062	
Booking 5, David, 0 nights	>> Single Room (1)		Triple Room (1) Single Dorm Bed (10)	Breakfast (20)
Available cashback = 0	>> Total room price++		with service charge and VAT	
	<pre>>> Total meal price >> Total bill</pre>	= 0.00 = 0.00	redeem = 0	
	>> Final bill	= 0.00	cashback for next booking = 0	
	-			
Booking 6, Ellen, 5 nights	>> Single Room (5)	Twin Room (5)	Triple Room (1) Single Dorm Bed (0)	Breakfast (18)
Available cashback = 0	>> Total room price++		with service charge and VAT	
	>> Total meal price	= 22,500.00		
	>> Total bill	= 127,841.50	redeem = 0	
	>> Final bill	= 127,841.50	cashback for next booking = 5,267	
Booking 7, David, 10 nights	>> Single Room (3)	Twin Room (6)	Triple Room (0) Single Dorm Bed (0)	Breakfast (15)
Available cashback = 0	>> Total room price++		with service charge and VAT	
	>> Total meal price	= 37,500.00		
	>> Total bill	= 210,519.00	redeem = 0	
	>> Final bill	= 210,519.00	cashback for next booking = 8,650	
Booking 8, Annie, 4 nights	>> Single Room (0)	Twin Room (1)	Triple Room (5) Single Dorm Bed (15)	Breakfast (31)
Available cashback = 7,062	>> Total room price++		with service charge and VAT	
	>> Total meal price	= 31,000.00		
	>> Total bill	= 138,342.40	redeem = 7,062	
	>> Final bill	= 131,280.40	cashback for next booking = 5,367	
Booking 9, Cathy, 3 nights	>> Single Room (0)	Twin Room (4)	Triple Room (0) Single Dorm Bed (0)	Breakfast (0)
Available cashback = 0	>> Total room price++		with service charge and VAT	Breakrase ((0))
	>> Total meal price			
		= 25,423.20	redeem = 0	
	>> Final bill	= 25,423.20	cashback for next booking = 1,271	
Rooking 10 Frodo C -i-t-	N Single Boom / C'	Twin Boom / 2'	Triple Doom (0) Single Down Bod (4)	Breakfact / 121
Available cashback = 0	>> Single Room (2) >> Total room price++		Triple Room (0) Single Dorm Bed (4) with service charge and VAT	Dreaklast (12)
	>> Total meal price			
		= 91,444.80	redeem = 0	
	>> Final bill	= 91,444.80	cashback for next booking = 3,672	
Packing 11 Plice	No Dimete Berry 1 51	Train Danie (C)	Twinle Been / Ol Ginel B B 1 / C	Dunaliform (0)
Booking 11, Ellen, 1 nights Available cashback = 5,267	<pre>>> Single Room (2) >> Total room price++</pre>		Triple Room (0) Single Dorm Bed (0) with service charge and VAT	preaklāst (2)
IVALIANTE CANIDACK - 5,20/	>> Total room price++ >> Total meal price		Service ondrye and val	
	>> Total bill	= 3,560.20	redeem = 1,780	
	>> Final bill	= 1,780.20	cashback for next booking = 3,640	
Booking 12, Ginny, 3 nights				Breakfast ((0))
Available cashback = 0	>> Total room price++ >> Total meal price		with service charge and VAT	
		= 89,687.40	redeem = 0	
	>> Final bill		cashback for next booking = 4,484	
===== Room Summary =====		6 FAR 60 R 1		
Single Dorm Bed total sale Twin Room total sale	es = 56 rooms 3 es = 42 rooms 8	9,547.20 Baht		
		8,981.20 Bant 7,541.80 Baht		
_		2,372.00 Baht		
==== Meal Summary ====				
Breakfast total sale	es = 149 heads 3	7,250.00 Baht		
-				