

**PROJECT:** BILLING SYSTEM – JAVA Project

**MAIN FILE:** BillingSystem.java

**DESCRIPTION:**

- Display items in a cafeteria
- User can order multiple items and the quantity
- Code will generate a bill
  - Compute the total of items
  - Add service tax 6.75% of meal charge
  - Add tip 10% of total, including tax
- Allow user to opt to tip more
- Displays the items charged, tax amount, tip amount and total bill

**OTHERS:**

Display.java

- Generates menu
- Title headings

Food.java

- Food properties

Order.java

- Order properties

UserInput.java

- Get user's input

## SCREENSHOTS:

MENU		
S/N	Item	Price
1.	Sandwich	\$2.50
2.	Water	\$1.00
3.	Ice Cream	\$1.00
4.	Meal A	\$3.00
5.	Meal B	\$4.00
xxx End of Menu xxx		

Items displayed

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ORDER

Enter Name: Tom

Enter Tel : 12345678

\*\*\* Enter '0' to terminate \*\*\*

Enter the Item's S/N: 2

Enter the quantity: 5

Enter the Item's S/N: 1

Enter the quantity: 2

Enter the Item's S/N: 5

Enter the quantity: 1

Enter the Item's S/N: 0

xxx End of Order xxx

Enter order details [loop]

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VIEW ORDER			
S/N	Item Name	Qty	Price
1.	Sandwich	2 x \$2.50	\$5.00
2.	Water	5 x \$1.00	\$5.00
5.	Meal B	1 x \$4.00	\$4.00
		Subtotal	\$14.00
		Tax (6.75%)	\$0.95
		Total	\$14.95

Display order details

NOTE: Tip is 10% of Total - \$1.50

Would you like to tip Y/N: y

Enter amount to tip \$: 2

xxx End of Payment xxx

User can opt to tip more

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RECEIPT			
S/N	Item Name	Qty	Price
1.	Sandwich	2 x \$2.50	\$5.00
2.	Water	5 x \$1.00	\$5.00
5.	Meal B	1 x \$4.00	\$4.00
		Subtotal	\$14.00
		Tax (6.75%)	\$0.95
		Total	\$14.95
		Tip	\$2.00
		Amount PAID	\$16.95

Display final order details and user details

Customer: Tom

Tel : 12345678

THANK YOU