

### Corrected Input:

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Number of orders (1-15): 2
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Order 1 input,

Enter your staff number(6 digit): 123456
Enter alphabet(A, B, C, D): A

Enter number of items within this order (or 'q' to quit): 1

Enter an item number (or 'q' to quit): 1009
Enter the quantity number of the item: 100

Enter the 1st discount of the order in dollar($) (if no, enter 0): 0

Enter the 2nd discount of the order in percentage(%) (0 to 5%): 2
Please enter the customer number: 987654

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Order 2 input,

Enter your staff number(6 digit): 987234
Enter alphabet(A, B, C, D): D

Enter number of items within this order (or 'q' to quit): 1

Enter an item number (or 'q' to quit): 1005
Enter the quantity number of the item: 50

Enter the 1st discount of the order in dollar($) (if no, enter 0): 2

Enter the 2nd discount of the order in percentage(%) (0 to 5%): 3
Please enter the customer number: 135791

```

### Corrected Output:

```

                                AI_Tone mall
INVOICE
Invoice Date      Order No.      Mall Dollar
2023-11-29        A123456A0000171(7)  $3.53
Description              Qty      Total
Customer Number: 987654
1009.      Product 9              100      1800.00

Shipping To              SubTotal      $ 1800.00
Customer Name: ABC TONE      VIP      -$ 0.00
Customer Address: ZZZZZZ      VIPDAY95      -$ 36.00
                                Delivery Fee      FREE
                                Total      $ 1764.00

                                AI_Tone mall
INVOICE
Invoice Date      Order No.      Mall Dollar
2023-11-29        A987234D0000181(1)  $0.00
Description              Qty      Total
Customer Number: 135791
1005.      Product 5              50      700.00

Shipping To              SubTotal      $ 700.00
Customer Name: AI_Wong      VIP      -$ 2.00
Customer Address: ABCDEF      VIPDAY95      -$ 21.00
                                Delivery Fee      FREE
                                Total      $ 677.00

```

With shipping fees:

```

Number of orders (1-15): 1
-----
Order 1 input,

Enter your staff number(6 digit): 123456
Enter alphabet(A, B, C, D): A

Enter number of items within this order (or 'q' to quit): 1

Enter an item number (or 'q' to quit): 1001
Enter the quantity number of the item: 2

Enter the 1st discount of the order in dollar($) (if no, enter 0): 0

Enter the 2nd discount of the order in percentage(%) (0 to 5%): 0
Please enter the customer number: 607162


                                AI_Tone mall

INVOICE
Invoice Date          Order No.          Mall Dollar
2023-11-29            A123456A0000191(4)  $0.00
Description              Qty          Total
Customer Number: 607162
1001.      Product 1              2          20.00

Shipping To              SubTotal              $ 20.00
Customer Name: abcname    VIP              -$ 0.00
Customer Address: dfec road  VIPDAY95          -$ 0.00
                          Delivery Fee              $ 50.00
                          Total              $ 70.00

```

Trial and Error handle:

- Input > 15 orders and >10 items

```
Number of orders (1-15): 15
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Order 1 input,

Enter your staff number(6 digit): 123456
Enter alphabet(A, B, C, D): A

Enter number of items within this order (or 'q' to quit): 10
-The number of orders is 15.
-You are not allow to create another order.
-Enter number of items within 9 again.

Enter number of items within this order (or 'q' to quit):
```

Other error:

```
Number of orders (1-15): 999
Range from 1 to 15. Input again.
Number of orders (1-15): 1
-----
Order 1 input,

Enter your staff number(6 digit): 9999999
Staff number should in 6 digit. Enter again.
Enter your staff number(6 digit): 123456
Enter alphabet(A, B, C, D): A

Enter number of items within this order (or 'q' to quit): 10
-The number of items more than 9.
-One order can only have at most 9 items
-Another order will be created.

Enter an item number (or 'q' to quit): 1
Failed to find the item.
```