

SUPERMARKET BILLING SYSTEM

```
print("Welcome to Supermarket Billing System!!")

#Ask for Customer Details
customer_name = input("Enter your name: ")
phone_number = input("Enter your phone number: ")
while len(phone_number) != 10 or not phone_number.isdigit():
    print("please enter a valid 10-digit phone number.")
    phone_number = input("Enter your phone number: ")

#Adding items
print("\nStart entering the items: ")
items = []
total = 0

while True:
    item_name = input("Enter item name (or type 'done' to finish): ")
    if item_name.lower() == 'done':
        break
    quantity = int(input(f"Enter quantity for {item_name}: "))
    price = float(input(f"Enter price for {item_name}: "))

    items.append([item_name, quantity, price])
    total += quantity * price

#Discount calculation
if total > 500:
    discount = total * 0.05 # 5% discount
elif total > 1000:
    discount = total * 0.1 # 10% discount
else:
    discount = 0

final_total = total - discount
```

```
#Ask for payment method
payment_method = input("\nEnter payment method (cash or card): ")

#Printing the bill
print("\n===== BILL =====")
print(f"customer Name: {customer_name}")
print(f"Phone Number: {phone_number}")
print("items:")

for item in items:
    print(f"{item[0]} - {item[1]} x {item[2]} = {item[1] * item[2]}")

print(f"\nSubtotal: {total}")
print(f"Discount: {discount}")
print(f"Total: {final_total}")
print(f"Payment method: {payment_method}")
print("=====")

print("THANK YOU FOR SHOPING WITH SUPERMARKET!!")
```

Welcome to Supermarket Billing System!!

Enter your name: Bhuvan Jari

Enter your phone number: 9844210870

Start entering the items:

Enter item name (or type 'done' to finish): Mango

Enter quantity for Mango: 12

Enter price for Mango: 120

Enter item name (or type 'done' to finish): Milk

Enter quantity for Milk: 5

Enter price for Milk: 90

Enter item name (or type 'done' to finish): Ice Cream

Enter quantity for Ice Cream: 7

Enter price for Ice Cream: 175

Enter item name (or type 'done' to finish): Notebook

Enter quantity for Notebook: 10

Enter price for Notebook: 400

Enter item name (or type 'done' to finish): done

Enter payment method (cash or card): cash

===== BILL =====

customer Name: Bhuvan Jari

Phone Number: 9844210870

items:

Mango - 12 x 120.0 = 1440.0

Milk - 5 x 90.0 = 450.0

Ice Cream - 7 x 175.0 = 1225.0

Notebook - 10 x 400.0 = 4000.0

Subtotal: 7115.0

Discount: 355.75

Total: 6759.25

Payment method: cash

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THANK YOU FOR SHOPING WITH SUPERMARKET!!