

# Untitled

October 16, 2025

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[3]: # ----- GoMart Billing System -----  
  
Products = {  
    "Apples": 100,  
    "Chips": 20,  
    "Avocado": 105,  
    "Cola": 40,  
    "Bananas": 60,  
    "Rice": 50,  
    "Milk": 45,  
    "Bread": 30,  
    "Butter": 90,  
    "Eggs": 10,  
    "Chicken": 150,  
    "Sugar": 45,  
    "Flour": 40,  
    "Tomatoes": 25,  
    "Onions": 20  
}  
  
print("-" * 15, "Welcome To GoMart", "-" * 15)  
  
while True:  
    cart = {}  
    amount = 0  
    discount = 0  
  
    # Customer Details  
    name = input('Enter your name: ').strip()  
    ph_no = input('Enter phone number: ').strip()  
  
    # Validate phone number  
    while not ph_no.isdigit():  
        ph_no = input("Invalid phone number! Please enter digits only: ").  
        ↪strip()  
  
    # --- Display Products ---
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print('-' * 7, "Products List", '-' * 7)
for i, j in Products.items():
    print(i, "-", j)

# --- Shopping Loop ---
while True:
    p_name = input("Enter product name you wish to buy: ").capitalize()

    if p_name not in Products:
        print("Invalid product name. Please choose from the list.")
        continue

    try:
        quantity = float(input("Enter quantity you wish to buy: "))
        if quantity <= 0:
            print("Quantity must be greater than 0.")
            continue
    except ValueError:
        print("Invalid quantity! Please enter a numeric value.")
        continue

    val = []
    val.append(Products[p_name])
    val.append(quantity)
    val.append(quantity * Products[p_name])
    cart[p_name] = val
    amount += Products[p_name] * quantity

    repeat = input("Do you want to add more items? (Yes/No): ").capitalize()
    if repeat == "No":
        break

# Billing Section
print("-" * 45)
print(f"Name: {name}")
print(f"Phone: {ph_no}")
print("Itemized Bill:")

for item, details in cart.items():
    print(f"{item} price: {details[0]} X {details[1]} = {details[2]}")

print("-" * 45)
print(f"Total Amount: {amount}")

# Discount logic
if amount >= 1000:
    discount = 10

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elif amount >= 500:
    discount = 5
else:
    discount = 0

discount_amount = amount * discount / 100
payable = amount - discount_amount

print(f"Discount Applied: {discount} %")
print("-" * 45)
print(f"Payable Amount: {payable}")
print("-" * 45)
print("Thank you for visiting GoMart!")
print()

# Ask for Next Customer
next_customer = input("Do you want to serve next customer? (Yes/No): ").
↳capitalize()
if next_customer == "No":
    print("Shop Closed. Have a nice day!")
    break

```

----- Welcome To GoMart -----

Enter your name: Navneet

Enter phone number: 555

----- Products List -----

Apples - 100  
 Chips - 20  
 Avocado - 105  
 Cola - 40  
 Bananas - 60  
 Rice - 50  
 Milk - 45  
 Bread - 30  
 Butter - 90  
 Eggs - 10  
 Chicken - 150  
 Sugar - 45  
 Flour - 40  
 Tomatoes - 25  
 Onions - 20

Enter product name you wish to buy: Milk

Enter quantity you wish to buy: 5

Do you want to add more items? (Yes/No): No

-----  
 Name: Navneet

Phone: 555

Itemized Bill:

Milk price: 45 X 5.0 = 225.0

-----  
Total Amount: 225.0

Discount Applied: 0 %

-----  
Payable Amount: 225.0

-----  
Thank you for visiting GoMart!

Do you want to serve next customer? (Yes/No): Yes

Enter your name: ABC

Enter phone number: 645

----- Products List -----

Apples - 100

Chips - 20

Avocado - 105

Cola - 40

Bananas - 60

Rice - 50

Milk - 45

Bread - 30

Butter - 90

Eggs - 10

Chicken - 150

Sugar - 45

Flour - 40

Tomatoes - 25

Onions - 20

Enter product name you wish to buy: Chips

Enter quantity you wish to buy: 50

Do you want to add more items? (Yes/No): No

-----  
Name: ABC

Phone: 645

Itemized Bill:

Chips price: 20 X 50.0 = 1000.0

-----  
Total Amount: 1000.0

Discount Applied: 10 %

-----  
Payable Amount: 900.0

-----  
Thank you for visiting GoMart!

Do you want to serve next customer? (Yes/No): No

Shop Closed. Have a nice day!

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