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Act - C205

Midterm Lab Task 3 Shopping Cart Program

Source Code:

```
menu = {"Burger": 35.00,  
        "Tacos": 50.00,  
        "Fries": 20.00,  
        "Ice Coffee": 25.00}  
  
cart = []  
total = 0  
print("----- M E N U -----")  
for key, value in menu.items():  
    print(f"{key:15}:P{value:.2f}")  
print("-----")  
  
customer_name = input("Enter Your Name: ")  
customer_age = int(input("Enter Your Age: "))  
  
# Accept user choice/input  
while True:  
    food = input("Select an item from the menu (q to quit): ")  
    if food.lower() == 'q':  
        break  
    elif food not in menu:  
        print("Item is not in the cart")  
    elif menu.get(food) not in menu:  
        cart.append(food)  
  
# display user input  
print("Your orders are.....")  
for food in cart:  
    total = total + menu.get(food)  
    print(food, end=" ")  
print()  
  
if 60 <= customer_age:  
    discount = total * 0.20  
    total -= discount  
    print(f"\n20% discount!!: P{discount:.2f}")  
  
print(f"Customer Name: {customer_name}")  
print(f"Total Purchase: P{total:.2f}")
```

Output:

```
----- M E N U -----
Burger      :P35.00
Tacos       :P50.00
Fries       :P20.00
Ice Coffee  :P25.00
-----

Enter Your Name: Ashlie
Enter Your Age: 69
Select an item from the menu (q to quit): Ice Cream
Item is not in the cart
Select an item from the menu (q to quit): Tacos
Select an item from the menu (q to quit): Fries
Select an item from the menu (q to quit): Ice Coffee
Select an item from the menu (q to quit): q

Your orders are.....
Tacos Fries Ice Coffee

20% discount!!!: P19.00
Customer Name: Ashlie
Total Purchase: P76.00

Process finished with exit code 0
```