Midterm Lab Task 3:

Modify the menuCart program and include the following requirements:

Problem 1: Validate user choice (If choice is not in the cart) - "display item is not in the cart"

Problem 2: Input Customer Name and Age if age is 60 and above provide 20% discount from the total purchased.

Source Code:

```python
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("-------------------------")




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")
```

```python
    elif menu.get(food) not in menu:

        cart.append(food)

name = input("Enter Customer Name:")

age = int(input("Enter Customer Age:"))




print("Your orders are")

for food in cart:

    total = total + menu.get(food)

    print(food, end=" ")

if age >= 60:

    discount = total * 0.20

    total -= discount

print(f"Senior discount applied (20%): -P{discount:0.2f}")

print()

print(f"Total Purchased:P{total: 0.2f}")
```

Output:

```
------- M E N U ----------
Burger          :P35.00
Tacos           :P50.00
Fries           :P20.00
Ice Coffee      :P25.00
---------------------------
Select an item from the menu (q to quit):Cheese Burger
Item is not in the Cart
Select an item from the menu (q to quit):Burger
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
Enter Customer Name:tep
Enter Customer Age:61
Your orders are
Burger Tacos Fries Ice Coffee Senior discount applied (20%): -P26.00


Total Purchased: 104.00


Process finished with exit code 0
```

OUTPUT 2

```
Enter Product Name:Addidas
Enter Category:Shoes
Enter Quality Rating:8.9
Enter Price Rating:6.85
Enter Service Rating:8.9
Product Name: Addidas
Category: Shoes
Quality Rating: 8.90
Price Rating: 6.85
Service Rating: 8.90
Overall Average Rating: 8.22
```