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BSCS – C204

Midterm Lab Task 4
Using Dictionary Collections

Problem 1. Create the following UI for menu items: then allow the user to input

orders

The user will continue to input orders until q is typed to quit. Then display the summary of Orders with the total bill.

    1. Use a dictionary(for the menu) and List(for the orders in the cart) 2. Users may input the same item in the cart.
    3. Follow the exact format and whitespace for the menu
    4. User input should be case insensitive
    5. If the user inputted an item not in the Menu – it will not include it in the cart and Display "Not Available" and input another item
    6. Create a MENU with 10 items and assign prices in Peso (php) – You may choose what Items you would like to put in your cart

Source Code:

```python
menu = {
    "sisig": 60.00,
    "fried chicken": 65.00,
    "adobo": 60.00,
    "porkchop": 55.00,
    "bicol express": 55.00,
    "steak": 120.00,
    "boiled egg": 20.00,
    "rice": 15.00,
    "soda": 15.00,
    "red tea": 15.00,
}

print("----------- MENU -----------")
for item, price in menu.items():
    print(f"{item:<15}: Php{price:.2f}")
print("-----------------------------")

cart = []
total = 0

while True:
    choice = input("Select your order (q to stop): ").strip().lower()
    if choice.lower() == "q":
        break
    elif choice in menu:
        cart.append(choice)
        total += menu[choice]
    else:
        print("Not Available.")

print("\n------ YOUR ORDER ------")
for item in cart:
    print(item, end=" ")
print()
print(f"Total is: Php{total:.2f}")
print("-------------------------")
```

Sample Output:

```
----------- MENU -----------
sisig           : Php60.00
fried chicken   : Php65.00
adobo           : Php60.00
porkchop        : Php55.00
bicol express   : Php55.00
steak           : Php120.00
boiled egg      : Php20.00
rice            : Php15.00
soda            : Php15.00
red tea         : Php15.00
-----------------------------
Select your order (q to stop): STEAK
Select your order (q to stop): siSIG
Select your order (q to stop):  aDoBo
Select your order (q to stop): riCE
Select your order (q to stop): RIcE
Select your order (q to stop): reD TeA
Select your order (q to stop): Q

------ YOUR ORDER ------
steak sisig adobo rice rice red tea
Total is: Php285.00
-------------------------
```