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In [10]: Menu={
    "latte":{
        "ingredients":{
            "water":200,
            "milk":150,
            "coffee":24,
        },
        "cost":150,
    },
    "espresso":{
        "ingredients":{
            "water":50,
            "coffee":18,
        },
        "cost":100,
    },
    "cappuccino":{
        "ingredients":{
            "water":250,
            "milk":100,
            "coffee":24,
        },
        "cost":200,
    }
}
profit=0
resources={
    "water":500,
    "milk":200,
    "coffee":100
}
def check_res(order_ingredients):
    for item in order_ingredients:
        if order_ingredients[item]>resources[item]:
            print(f"Sorry there is not enough {item}")
            return False
    return True
def process_coins():
    total=0
    coins_five=int(input("How many 5 Rs. coins do u have? "))
    coins_ten=int(input("How many 10 Rs. coins do u have? "))
    coins_twenty=int(input("How many 20 Rs. coins do u have? "))
    total=coins_five*5+coins_ten*10+coins_twenty*20
    return total
def is_payment_success(money_received,coffee_cost):
    if money_received>=coffee_cost:
        global profit
        profit+=coffee_cost
        change=money_received-coffee_cost
        print(f"Here is ur Rs. {change} in change")
        return True
    else:
        print("Sorry that is not enough money..Money refunded..")
        return False
def make_coffee(coffee_name,coffee_ingredients):
    for item in coffee_ingredients:
        resources[item]-=coffee_ingredients[item]
    print(f"Here is ur {coffee_name}..Enjoy!!")
is_on=True
while is_on:
    choice=input("What would u like to have? (Latte,Cappuccino,Espresso)")
    if choice=="off":
        is_on=False
    elif choice=="report":
        print(f"Water={resources['water']}ml")
        print(f"Milk={resources['milk']}ml")
        print(f"Coffee={resources['coffee']}g")
        print(f"Money=Rs {profit}")
    else:
        coffee_type=Menu[choice]
        print(coffee_type)
        if check_res(coffee_type['ingredients']):
            payment=process_coins()
            if is_payment_success(payment,coffee_type['cost']):
                make_coffee(choice,coffee_type['ingredients'])

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What would u like to have? (Latte,Cappuccino,Espresso)espresso
{'ingredients': {'water': 50, 'coffee': 18}, 'cost': 100}
How many 5 Rs. coins do u have? 5
How many 10 Rs. coins do u have? 5
How many 20 Rs. coins do u have? 3
Here is ur Rs. 35 in change
Here is ur espresso..Enjoy!!
What would u like to have? (Latte,Cappuccino,Espresso)off

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