

In [1]:

```
def display_products():
    products={"Biscuits":["1p",30],"Cereals":["1p",15],"Whey protein":["1kg",50],"Pe
        "Milk":["1L",9],"Oats":["1kg",47],"Chicken":["100g",17],"Rice":["1kg",13],
        "Toothpaste":["150g",3.4],"Coffee beans":["100g",6.4],"Wheat flour":["1kg"
    print("%45s"%("Item available in the store"))
    print()
    print("%s %50s %35s"%("Product","Quantity","Price"))
    print()
    for item in products:
        print(item," "*(47-len(item)),products[item][0]," "*(40-len(products[item][0]
    buy=input("Are you will you make purchases ? = ")
    print()
    if(buy=="Yes"):
        add_to_cart()
    else:
        print("goodbye have a nice day !!")

def add_to_cart(cart={}):
    products={"Biscuits":["1p",30],"Cereals":["1p",15],"Whey protein":["1kg",50],"Pe
        "Milk":["1L",9],"Oats":["1kg",47],"Chicken":["100g",17],"Rice":["1kg",13],
        "Toothpaste":["150g",3.4],"Coffee beans":["100g",6.4],"Wheat flour":["1kg"
    print("%45s"%("Add item to cart"))
    print()
    shopping=True
    while(shopping):
        item=input("Enter the item you want to add to cart = ")
        print()
        print()
        if(item=="Stop"):
            print()
            print()
            billing(cart)
            break
        else:
            count=int(input("Enter quantity = "))
            print()
            bag=products[item]
            bag.append(count)
            cart[item]=bag

def billing(cart):
    print()
    print()
    if(cart):
        print("%45s"%("Billing section"))
        print()
        total=0
        print("%s %50s %40s"%("Product","Quantity","Price"))
        print()
        for key,(prod,quant) in enumerate(cart.items()):
            print(prod," "*(47-len(prod)),quant[0]+" X "+str(quant[2])," "*(40-len(q
                quant[1]*quant[2])
            total+=quant[1]*quant[2]
        print()
        print("The total amount of products purchased = ",total)
        print()
        n=input("Would you like to purchase more ? : ")
        print()
        if(n=="Yes"):
            add_to_cart(cart)
        else:
            print()
```

```

Name=input("Enter your name = ")
print()
address=input("Enter your address = ")
print()
distance=int(input("Distance from store 5|10|15 ="))
print()
print("Total bill with charges = ",total+(distance*5))
print()
print("Thank you visit again!!")

```

In [2]: `display_products()`

Item available in the store

Product Price	Quantity
Biscuits 30	1p
Cereals 15	1p
Whey protein 50	1kg
Peanut butter 75	100g
Milk 9	1L
Oats 47	1kg
Chicken 17	100g
Rice 13	1kg
Spices 6	50g
Toothpaste 3.4	150g
Coffee beans 6.4	100g
Wheat flour 14	1kg
Sugar 18	100g

Are you will you make purchases ? = Yes

Add item to cart

Enter the item you want to add to cart = Chicken

Enter quantity = 3

Enter the item you want to add to cart = Rice

Enter quantity = 2

Enter the item you want to add to cart = Toothpaste

Enter quantity = 1

Enter the item you want to add to cart = Cereals

Enter quantity = 3

Enter the item you want to add to cart = Oats

Enter quantity = 3

Enter the item you want to add to cart = Milk

Enter quantity = 2

Enter the item you want to add to cart = Stop

Billing section

Product Price	Quantity
Chicken 51	100g X 3
Rice 26	1kg X 2
Toothpaste 3.4	150g X 1
Cereals 45	1p X 3
Oats 141	1kg X 3
Milk 18	1L X 2

The total amount of products purchased = 284.4

Would you like to purchase more ? : Yes

Add item to cart

Enter the item you want to add to cart = Whey protein

Enter quantity = 2

Enter the item you want to add to cart = Spices

Enter quantity = 2

Enter the item you want to add to cart = Stop

Billing section

Product Price	Quantity
Chicken 51	100g X 3
Rice 26	1kg X 2
Toothpaste 3.4	150g X 1
Cereals 45	1p X 3
Oats 141	1kg X 3
Milk 18	1L X 2
Whey protein 100	1kg X 2
Spices 12	50g X 2

The total amount of products purchased = 396.4

Would you like to purchase more ? : No

Enter your name = Praveen Kumar

Enter your address = T2 A BLOCK VISHWA APARTMENTS COIMBATORE 641001

Distance from store 5|10|15 =5

Total bill with charges = 421.4

Thank you visit again!!