```python
In [1]: def display_products():
            products={"Biscuits":["1p",30],"Cereals":["1p",15],"Whey protein":["1kg",50],"Peanut butter":["100g",75],
                "Milk":["1L",9],"Oats":["1kg",47],"Chicken":["100g",17],"Rice":["1kg",13],"Spices":["50g",6],
                "Toothpaste":["150g",3.4],"Coffee beans":["100g",6.4],"Wheat flour":["1kg",14],"Sugar":["100g",18]}
            print("%45s"%"Item availabe 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])),products[item][1])
            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],"Peanut butter":["100g",75],
                "Milk":["1L",9],"Oats":["1kg",47],"Chicken":["100g",17],"Rice":["1kg",13],"Spices":["50g",6],
                "Toothpaste":["150g",3.4],"Coffee beans":["100g",6.4],"Wheat flour":["1kg",14],"Sugar":["100g",18]}
            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(quant[0])),
                        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!!")
```

```python
In [2]: display_products()
```

```
                    Item availabe in the store

Product                                           Quantity                            Price

Biscuits                                          1p                                  30
Cereals                                           1p                                  15
Whey protein                                      1kg                                 50
Peanut butter                                     100g                                75
Milk                                              1L                                  9
Oats                                              1kg                                 47
Chicken                                           100g                                17
Rice                                              1kg                                 13
Spices                                            50g                                 6
Toothpaste                                        150g                                3.4
```

```
Coffee beans                             100g                          6.4
Wheat flour                              1kg                           14
Sugar                                    100g                          18
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                             Quantity                          Price

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

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                             Quantity                          Price

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

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!!

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!!