

PROJECTS/SUPER MARKET

```
1 name = input("Enter your name: ")
2
3 # List of items:
4 Lists = '''
5 Rice    RS 80/kg
6 oil     RS 30/liter
7 sugar   RS 10/kg
8 maggie  RS 5/pack
9 boost   RS 200/bottle
10 apple  RS 50/kg
11 '''
12
13 # Declaration
14 price = 0
15 pricelist = []
16 totalprice = 0
17 finalprice = 0
18 ilist = []
19 plist = []
20 qlist = []
21
22 # Rate for each item
23 items = {'rice': 80, 'oil': 30, 'sugar': 10, 'maggie': 5, "boost": 200, 'apple':
50}
24
25 while True:
26     option = input("Press 1 for list or 2 to exit: ")
27     if option == '2':
28         print("Thank you for shopping")
29         break
30     elif option == '1':
31         print(Lists)
32
33         while True:
34             inp1 = input("To buy press 1 or press 2 to exit: ")
35             if inp1 == '2':
36                 print("Thank you for shopping")
37                 break
38             elif inp1 == '1':
39                 item = input("Choose your item: ").lower()
40                 while True:
41                     quantity_input = input("Enter quantity: ")
42                     if quantity_input.isdigit():
43                         quantity = int(quantity_input)
44                         break
45                     else:
46                         print("Please enter a valid quantity.")
47
48                 if item in items:
49                     price = quantity * items[item]
50                     pricelist.append((item, quantity, items[item], price))
51                     totalprice += price
```

```
52         ilist.append(item)
53         qlist.append(quantity)
54         plist.append(price)
55     else:
56         print("Selected item is not available. Sorry for the
inconvenience.")
57
58     if totalprice > 0:
59         tax = (totalprice * 10) / 100
60         finalamount = totalprice + tax # Corrected variable name and
calculation
61
62         print(25 * "=", "Priya's Supermarket", 25 * "=")
63         print(28 * " ", "Bangalore")
64         print("Name:", name, 30 * " ")
65         print(75 * "-")
66         print("Sno",10 * " ", 'Items',8 * " ", 'Quantity', 8 * " ", 'Price')
67         for i in range(len(pricelist)):
68             print(i+1,13 * " ", ilist[i], 8 * " ", qlist[i], 8 * " ", plist[i])
69         print(75 * "-")
70         print(50 * " ", 'Total Amount:', 'Rs', totalprice)
71         print("Tax Amount", 50 * " ", 'Rs', tax)
72         print(75 * "-")
73         print(50 * " ", 'Final Amount:', 'Rs', finalamount)
74         print(75 * "-")
75         print(20 * " ", "Thank you & visit again")
76         print(75 * "-")
77
78         # Resetting the variables for new transaction
79         totalprice = 0
80         finalamount = 0
81         pricelist.clear()
82         ilist.clear()
83         qlist.clear()
84         plist.clear()
85
86
87
88
```