```
# Project:      Homework2 (ChengTenHomework02Sec03.py)
# Name:         LanQing Cheng, Alina Ten
# Date:         10/22/15
# Description:  This program will allow the user to determine
#               the cost of 3 items shipped with tax


#Test data
#Book $10 1 each 2lbs
#Cup  $15 2 each 1lbs
#Pen  $1  1 each 0.5lbs
#Subtotal is $41.0, Shpping & Handling is $ 6.12
#Tax is $4.01 and the Total is $ 51.13




def main():

    fltSubTotal = 0
    fltShip = 0
    list=[]

    # Loop for 3 times
    for i in range(3):

        # Capture the information for items
        strItem = str(input("Enter the name of item"))
        fltPrice = float(input("Enter the price of item"))
        intQuantity = int(input("Enter the quantity of item"))
        fltWeight = float(input("Enter the weight of item"))

        # List the items
        list.append(strItem)

        # Calculate the cost
        fltSubTotal += fltPrice * intQuantity

        #Shipping and Handling cost
        fltShip += 0.25 * fltWeight * intQuantity
        fltHandling = 5

    #Calculate the Tax and Total
    fltTax = (fltSubTotal +fltShip + fltHandling)* 0.085

    fltTotal = fltSubTotal + fltShip + fltHandling + fltTax

    # Display all parts
    print("You have purchased:",list)
    print("The subtotal is $",round(fltSubTotal,2))
    print("The Shipping and Handling costs are $",round(fltShip +
fltHandling,2))
    print("The Tax is $",round(fltTax,2))
```

```
        print("Total is $",round(fltTotal,2))

main()
```