**void getData(int &appleAmount,int &peachAmount,int &sweetAmount) {**

**cout << "Please enter the Amount of Apple Pies you would like to purchase: "<<endl;**

**while (!(cin >> appleAmount) || appleAmount < 0) {**

**cout << "Invalid input. Please enter a non-negative number for Apple Pies: ";**

**cin.clear();**

**cin.ignore(10000, '\n');**

**}**

**cout << "\nPlease enter the Amount of Peach Pies you would like to purchase: "<<endl;**

**while (!(cin >> peachAmount) || peachAmount < 0) {**

**cout << "Invalid input. Please enter a non-negative number for Peach Pies: ";**

**cin.clear();**

**cin.ignore(10000, '\n');**

**}**

**cout << "\nPlease enter the Amount of Sweet Potato Pies you would like to purchase: "<<endl;**

**while (!(cin >> sweetAmount) || sweetAmount < 0) {**

**cout << "Invalid input. Please enter a non-negative number for Sweet Potato Pies: ";**

**cin.clear();**

**cin.ignore(10000, '\n');**

**}**

**}**

**void appleTotalCost(int appleAmount, float applePies, float &appleTotal) {**

**appleTotal = appleAmount \* applePies;**

**cout << fixed << setprecision(2) << "The total amount for Apple Pies is: $"<< appleTotal << endl;**

**}**

**void sweetTotalCost(int sweetAmount, float sweetPotatoPies, float &sweetTotal) {**

**sweetTotal = sweetAmount \* sweetPotatoPies;**

**cout << fixed << setprecision(2) << "The total amount for Sweet Potato Pies is: $"<< sweetTotal << endl;**

**}**

**void subTotalFun(float appleTotal,float peachTotal,float sweetTotal,float &subTotal){**

**subTotal = appleTotal + peachTotal + sweetTotal;**

**}**

**void taxAndTotal(float subTotal,float SHIPPING\_COST,float &taxAmount,float &totalCost) {**

**const float TAX\_RATE = 0.055;**

**taxAmount = subTotal \* TAX\_RATE;**

**totalCost = subTotal + taxAmount + SHIPPING\_COST;**

**}**

**void displayCost(float subTotal,float taxAmount,float SHIPPING\_COST,float totalCost) {**

**cout << fixed << setprecision(2) << "Your subtotal for your purchase is: $" << subTotal << endl;**

**cout << fixed << setprecision(2) <<"\nYour total taxes are: $"<< taxAmount << endl;**

**cout << fixed << setprecision(2) <<"\nYour shipping cost is: $" << SHIPPING\_COST << endl;**

**cout << fixed << setprecision(2) <<"\nThe total of your purchase is: $" << totalCost << endl;**

**}**