**Process Restaurant Bill**

Load Meal Pricing Information

Process Each Restaurant Customer

**Load Meal Pricing Information**

Do the following 10 times

Sequentially get current entréeNames from mealInfoFile

Sequentially get current entréePrices from mealInfoFile

Do the following 4 times

Sequentially get current drinkNames from mealInfoFile

Sequentially get current drinkPrices from mealInfoFile

Do the following 3 times

Sequentially get current dessertNames from mealInfoFile

Sequentially get current dessertPrices from mealInfoFile

**Process Each Restaurant Customer**

Set processCustomer to ‘O’

While processCustomer is not ‘N’

Set Order Quantities

Get Customer Meal Order

Calculate Order Price

Retrieve Due Payment

Record Restaurant Bill

While processCustomer is not ‘Y’ or ‘N’

Display “Would you like to process another customer (Y/N)

Get processCustomer from User

**Set Order Quantities**

Set entreeQuantitiy to 0

Set drinkQuantity to 0

Set dessertQuantity to 0

**Get Customer Meal Order**

Get Entree Order

Get Drink Order

Get Dessert Order

**Calculate Order Price**

Calculate Subtotal

Calculate Total

**Retrieve Due Payment**

Get Tender Amount

Return Change

**Record Restaurant Bill**

Write “Entree #” + entreeOrder to transactionLog

Write “Entrée: “ + corresponding entrée name to transactionLog

Write “Entrée Amount: “ + entreeAmount

Write “Drink #” + drinkOrder to transactionLog

Write “Drink: “ + corresponding drink name to transactionLog

Write “Drink Amount: “ + drinkAmount

Write “Dessert #” + DessertOrder to transactionLog

Write “Dessert: “ + corresponding dessert name to transactionLog

Write “Dessert Amount: “ + dessertAmount

Write “Amount Due: $” + totalDue to transactionLog

Write “Amount Tendered: $” + amountTendered to transactionLog

Write “Change Due: $” + changeDue to transactionLog

**Get Entree Order**

Display “Please select one of the entrée’s bellow.” To User

Do the following 10 times

Display (cnt + 1) + corresponding entrée name + corresponding entrée price

While entreeOrder is <1 or >10

Display “Entrée Order #

Get entréeOrder from User

While entreeAmount is <1

Display “Entrée Order Amount: “

Get entreeAmount from User

**Get Drink Order**

Display “Please select one of the drinks bellow.” To User

Do the following 4 times

Display (cnt + 1) + corresponding drink name + corresponding drink price

While drinkOrder is <1 or >4

Display “Drink Order #

Get drinkOrder from User

While drinkAmount is <1

Display “Drink Order Amount: “

Get drinkAmount from User

**Get Dessert Order**

Display “Please select one of the desserts bellow.” To User

Do the following 3 times

Display (cnt + 1) + corresponding dessert name + corresponding dessert price

While dessertOrder is <1 or >3

Display “Dessert Order #

Get dessertOrder from User

While dessertAmount is <1

Display “Dessert Order Amount: “

Get dessertAmount from User

**Calculate Subtotal**

Set subtotal to (corresponding entree price \* entreeAmount) +

(corresponding drink price \* drinkAmount) + (corresponding dessert price \* dessertAmount)

**Calculate Total**

Set totalDue to subtotal \* (1 + SALES\_TAX)

**Get Tender Amount**

Set tenderAmount to 0.00

While totalDue is > tenderAmount

Display “Amount Due: $” + totalDue

Display “Tender Amount: $” to user

Get tenderAdd from User

Set tenderAmount to tenderAmount + tenderAdd

**Return Change**

Calculate Change

Display Change Due

**Calculate Change**

Set changeDue to tenderAmount - totalDue

**Display Change Due**

Display “Your Change is : $” + changeDue to User