**Process Restaurant Bill**

Load Meal Pricing Information

Process Each Restaurant Customer

**Load Meal Pricing Information**

Do the following 10 times

Sequentially get current entréePrices from mealPriceFile

Do the following 4 times

Sequentially get current drinkPrices from mealPriceFile

Do the following 3 times

Sequentially get current dessertPrices from mealPriceFile

**Process Each Restaurant Customer**

Set processCustomer to ‘O’

While processCustomer is not ‘N’

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

**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 “Drink #” + drinkOrder to transactionLog

Write “Dessert #” + DessertOrder to transactionLog

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 entrees bellow

1. Burger (entreePrice0)
2. Cheese Burger (entreePrice1)
3. Bacon Burger (entreePrice2)
4. Bacon Cheese Burger (entreePrice3)
5. Double Burger (entreePrice4)
6. Double Cheese Burger (entreePrice5)
7. Double Bacon Burger (entreePrice6)
8. Double Bacon Cheese Burger (entreePrice7)
9. The Defibrillator (entreePrice8)
10. Burger King Foot Lettuce (entreePrice9)” to User

While entreeOrder is <1 or >10

Get entreeOrder from User

**Get Drink Order**

Display “Please select one of the drinks bellow

1. Water (drinkPrice0)
2. Pepsi (drinkPrice1)
3. Dr. Pepper (drinkPrice2)
4. The Jar (drinkPrice3)” to User

While drinkOrder is <1 or >4

Get drinkOrder from User

**Get Dessert Order**

Display “Please select one of the desserts bellow

1. Chocolate Peanut Butter Pie
2. Oreo Cheesecake
3. Dessert Burger

While drinkOrder is <1 or >4

Get drinkOrder from User

**Calculate Subtotal**

Set subtotal to corresponding entree price + corresponding drink price + corresponding dessert price

**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