**Generate Tax Bill**

Get Dates

Get Number of Taxpayers

Process Each Taxpayer

Display Assessment Summary

**Get Dates**

Display “Enter Current Date: “ to user

Get currentDate from user

Display “Enter Due Date: “ to user

Get dueDate from user

**Get Number of Taxpayers**

Get numTaxpayers from File

**Process Each Taxpayer**

Do the following for each taxpayer (numTaxpayers)

Get Taxpayer Information

Determine Tax Rate

Calculate Tax Due

Display Tax Bill

Update Totals

**Get Taxpayer Information**

Get taxpayerName from File

Get taxpayerAddress from File

Get assessedValue from File

**Determine Tax Rate**

When assessedValue < 10001

Set taxRate to 0.03

When 10001 <= assessedValue and assessedValue <= 30000

Set taxRate to 0.04

When 30001 <= assessedValue and assessedValue <= 60000

Set taxRate to 0.05

When assessedValue > 60000

Set taxRate to 0.06

**Calculate Tax Due**

Set taxDue to assessedValue \* taxRate

**Display Tax Bill**

Display “City of Bikini Bottom” to user

Display “Property Tax Bill” to user

Display currentDate to user

Display taxpayerName to user

Display taxpayerAddress to user

Display “Bikini Bottom, Pacific Ocean 13579” to user

Display “Current assessed value: “, assessedValue to user

Display “Property tax due: “, taxDue to user

Display “Date DUE: “, dueDate

**Update Totals**

When assessedValue < 10001

Set lowPriceAssessments to lowPriceAssessments + 1

When 10001 <= assessedValue and assessedValue <= 30000

Set mediumPriceAssessments to mediumPriceAssessments + 1

When 30001 <= assessedValue and assessedValue <= 60000

Set highPriceAssessments to highPriceAssessments + 1

When assessedValue > 60000

Set expensivePriceAssessments to expensivePriceAssessments + 1

Set totalTax to totalTax + taxDue

**Display Assessment Summary**

Display “City of Bikini Bottom” to user

Display “Property Tax Statistics” to user

Display “As of “, currentDate to user

Display “Number of assessments below $10,001: ”, lowPriceAssessments to user

Display “Number of assessments between $10,001-$30,000: “, mediumPriceAssessments to user

Display “Number of assessments between $30,001-$60,000: “, highPriceAssessments to user

Display “Number of assessments above $60,000: “, expensivePriceAssessments to user

Display “Total taxes: “, totalTax to user