**Programming Exercise 5-9**

# Variable declarations

sales = 0.0

stateTax = 0.0

countyTax = 0.0

totalTax = 0.0

# Constants for the state and county tax rates

STATE\_TAX\_RATE = 0.05

COUNTY\_TAX\_RATE = 0.025

# Get the total sales for the month.

sales = float(input('Enter the total sales for the month: '))

# Calculate the state sales tax.

stateTax = sales \* STATE\_TAX\_RATE

# Calculate the county sales tax.

countyTax = sales \* COUNTY\_TAX\_RATE

# Calculate the total tax.

totalTax = stateTax + countyTax

# Print the tax information.

print('State Tax: $', format(stateTax, ',.2f'), sep='')

print('County Tax: $', format(countyTax, ',.2f'), sep='')

print('Total Tax: $', format(totalTax, ',.2f'), sep='')

Display “County Tax: “, countyTax

Display “State Tax: “, stateTax

Display “Total Tax: “, totalTax

End

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Start

Set countyTax = sales \* COUNTY\_TAX\_RATE

Set totalTax = stateTax + countyTax

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Set stateTax = sales \* STATE\_TAX\_RATE

Input sales

Display “Enter total sales for the month:”

Constant Real COUNTY\_TAX\_RATE = 0.025

Constant Real STATE\_TAX\_RATE = 0.05

Declare Real sales, stateTax, countyTax, totalTax