

### Programming Exercise 3-5

```
# Global constants for property tax
ASSESS_PERCENT = 0.6
PROPERTY_TAX_PERCENT = 0.0064

# main function
def main():
    # Local variables
    actualValue = 0.0
    assessValue = 0.0
    propertyTax = 0.0

    # Get the actual value
    actualValue = float(input("Enter the actual value: "))

    # Calculate the assessed value
    assessValue = actualValue * ASSESS_PERCENT

    # Calculate the property tax
    propertyTax = assessValue * PROPERTY_TAX_PERCENT

    # print information about property tax
    showPropertyTax(assessValue, propertyTax)

# The showPropertyTax function accepts the assessment Value
# and the property Tax value as arguments and displays the property tax
# information.
def showPropertyTax (assessValue, propertyTax):
    print ("Assessed value: $", format(assessValue, '.2f'))
    print ("Property tax: $", format(propertyTax, '.2f'))
```

Global Constant Real  
ASSESS\_PERCENT  
PROPERTY\_TAX\_PERCENT

