

COSC 1336 – Programming Fundamentals I

Program 3 – Arithmetic Expressions

A county collects property taxes on the assessed value of property, which is 60 percent of its actual value. For example, if a house is valued at \$158,000.00 its assessed value is \$94,800. This is the amount the homeowner pays tax on. If the tax rate is \$2.64 for each \$100.00 of assessed value, the annual property tax for this house would be \$2502.72. Write a program that asks the user for the actual value of a piece of property and the current tax rate for each \$100.00 of assessed value. The program should then calculate and display how much annual property tax the homeowner will be charged for his property.

Run the program three times with the data below and save the output as **Program3-output.py** (Do a "Save As" in the Python Shell Window and it will save as a ".py" file. See Appendix B of your Textbook for more details). Create a folder named, **Fullname_Program3**. Copy your source code and the output file to the folder. Zip the folder, as a ".zip" file, and upload it to Blackboard.

Property Value:	Tax Rate
\$100,000.00	2.64
\$200,000.00	2.05
\$350,000.00	3.10