

Lab 1
MATH 230 - Programming
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New York state uses the following tax rates and income brackets to compute the income tax owed by a resident of NY (2021 tax year):

Tax rate	Income bracket	Tax owed
4%	\$0 to \$8,500	4% of taxable income
4.5%	\$8,501 to \$11,700	\$340 plus 4.5% of the amount over \$8,500
5.25%	\$11,701 to \$13,900	\$484 plus 5.25% of the amount over \$11,700
5.9%	\$13,901 to \$21,400	\$600 plus 5.9% of the amount over \$13,900
5.97%	\$21,401 to \$80,650	\$1,042 plus 5.97% of the amount over \$21,400
6.33%	\$80,651 to \$215,400	\$4,579 plus 6.33% of the amount over \$80,650
6.85%	\$215,401 to \$1,077,550	\$13,109 plus 6.85% of the amount over \$215,400
9.65%	\$1,077,550 and up	\$72,166 plus 9.65% of the amount over \$1,077,550

Write a program that asks a NY state resident what their income was in 2021 and prints to the screen the tax owed by the resident.