

Assignment 1

(Due Jan 2, 2014)

II

1) Chapter 10 - Page 319 - Question 7 (http://eliza.newhaven.edu/apc/parts/apc_part3.pdf):
A function defined by a table.
Write a function that computes a tax rate based on earned salary according to the following table. In this function, if the salary value is not given exactly, use the rate for the next lower salary in the table. For example, use the rate 20% for \$38,596.

Salary (\$)	Tax Rate(%)
0	0
10,000	5
20,000	12
30,000	20
40,000	33
50,000	38
60,000	45
70,000	50

mewlv

Write a small program that will input a salary from the user, call your function to compute the tax rate, and then print the tax rate and the amount of tax to be paid. Validate the input salary so that it does not fall outside of the salary range in the table.

Note: Assume the maximum salary is \$100,000.