The University of Jordan

Faculty of Business

MIS Department

**Business Software Development**

**Assignment 4**

Write a program to calculate the property tax. Property tax is calculated on 50%, 60% or 70% of the assessed value of the property based on its value range [0, 200.000), [200.000, 350.000), [350.000, ∞], respectively. For example, if the assessed value is $200,000, the property tax is on $120,000.

Assume that the property tax rate is $10 for each $800 of the assessed value that [0, 200.000).

Assume that the property tax rate is $10 for each $900 of the assessed value that [200.000, 350.000).

Assume that the property tax rate is $10 for each $1000 of the assessed value that [350.000, ∞].

Write the following functions:

1. Constructor.
2. Calculate the Taxable amount.
3. Calculate the property Tax.
4. Return the percentage of Tax.

Your program should prompt the user to enter the assessed value of the property and then calculate Property Tax. (Here is a sample output).

Assessed Value: 200000.00

Taxable Amount: 120000.00

Tax Rate for each $900.00: 10

Property Tax: 1333.33

The program will stop when the user enter -1.