**PS10P5 – IPO**

Prompt the user to repeatedly to do the program( input (Yes or No)). If they response Yes go into the loop and prompt the user for county and market value of a home. Write a function to compute the assessed value. Pass to the function the county and market value. The function will determine the assessed value percent then compute and return the assessed value. (Multiple the market value by assessed value percent. Sum and display all market values and assessed values.

County Assessed Value Percent

Cook 0.90

DuPage 0.80

McHenry 0.75

Kane 0.60

All others 0.70

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| **INPUT** | **PROCESSING** | **OUTPUT** |
|  | FunctionAssessedValue(County, MarketValue):  if County == “Cook”:  Percent = 0.90  elif County == “DuPage”:  Percent = 0.80  elif County == “McHenry”  Percent = 0.75  elif County == “Kane”  Percent = 0.60  else:  Percent = 0.70  AssessedValue = MarketValue \* Percent  Return MarketValue, AssessedValue |  |
| County  MarketValue |  |  |
|  | Main  SumOfAllMarketValues = 0  SumOfAllAssessedValues = 0  Would you like to calculate the assessed value of a property? (Yes or No)  While Response == “Yes”:  Input County, MarketValue  MarketValue, AssessedValue = FunctionAssessedValue(County, MarketValue)  SumOfMarketValues = SumOfMarketValues + MarketValue  SumOfAssessedValues = SumOfAssessedValues + AssessedValue  **Display:** *AssessedValue*  Would you like to forecast another month’s sales? (Yes or No) | AssessedValue |
|  | **Display:** *SumOfMarketValues, SumOfAssessedValues* | SumOfMarketValues  SumOfAssessedValues |