

Name: Sai Sao Kham

Professor: Streller, Dutta

Assignment: cs209_lab_03B

Date: 09/24/2014

This program modify Lab03A, formula for total amount paid of the loan, calculation of monthly payment based on the input amount of down payment by using methods. Interest rates are different based on the buyers of residents, commercial, or agricultural.

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Project X | Java | Services | <default C...> |

- Lab03B
 - Source Packages
 - lab03b
 - BasicMethodslab.java
 - Libraries

BasicMethodslab.java x | runLab03B.bat x | Source | History |

1 "C:\Program Files\Java\jre1.8.0_20\bin\java" -cp ".\build\classes" lab03b.BasicMethodslab

2 pause

Input

Enter property cost

250000

OK Cancel

Input

Enter down payment

10000

OK Cancel

Input

Enter only a single character R: Residential, C: Commercial and A: Agricultural for property type

R

OK Cancel

Confirm

2

Type Residential, Cost: 250000.00, Loan Amount: 220000.00, Monthly Amount: 1520.01, Number of Years: 25
Continue?

Yes No

Confirm

?

Type Residential, Cost: 250000.00, Loan Amount: 220000.00, Monthly Amount: 1520.01, Number of Years: 25
Total Amount Paid for loan: 456001.61
Type Residential, Cost: 250000.00, Loan Amount: 195000.00, Monthly Amount: 1226.76, Number of Years: 25
Total Amount Paid for loan: 388077.25
Type Commercial, Cost: 400000.00, Loan Amount: 300000.00, Monthly Amount: 2150.00, Number of Years: 15
Total Amount Paid for loan: 487144.2
Type Commercial, Cost: 400000.00, Loan Amount: 200000.00, Monthly Amount: 2575.59, Number of Years: 15
Total Amount Paid for loan: 463905.51
Type Agricultural, Cost: 150000.00, Loan Amount: 134000.00, Monthly Amount: 802.96, Number of Years: 20
Total Amount Paid for loan: 216708.28
Type Agricultural, Cost: 150000.00, Loan Amount: 140000.00, Monthly Amount: 1023.30, Number of Years: 20
Total Amount Paid for loan: 245971.88
Continue?

Yes No

Property Loan Amounts

?

Type Residential, Cost: 250000.00, Loan Amount: 220000.00, Monthly Amount: 1520.01, Number of Years: 25
Total Amount Paid for loan: 456001.61
Type Residential, Cost: 250000.00, Loan Amount: 195000.00, Monthly Amount: 1226.76, Number of Years: 25
Total Amount Paid for loan: 388077.25
Type Commercial, Cost: 400000.00, Loan Amount: 300000.00, Monthly Amount: 2150.00, Number of Years: 15
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Total Amount Paid for loan: 216708.28
Type Agricultural, Cost: 150000.00, Loan Amount: 140000.00, Monthly Amount: 1023.30, Number of Years: 20
Total Amount Paid for loan: 245971.88
OK

runPayment_Mayor X | Members | | <empty> |

- lab03b.BasicMethodslab :: java.lang.Object
 - main(java.lang.String[] args)
 - calculatePayment(double propertyCost, double downPayme
 - computeResidentialPayment(double propertyCost, double d
 - computeCommercialPayment(double propertyCost, double c
 - computeAgriculturalPayment(double propertyCost, double c
 - computeMonthlyPayment(double loanAmount, double annu
 - TotalPayment(double MonthlyP, int numberOfYears) : doub

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cs209Lab03B

NetBeans 8.0

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Sai Kham (sai-macbook)

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Macintosh HD (D:)

Network

SAI-MACBOOK

Name

Date modified

Type

Size

build

9/26/2014 1:43 ...

File folder

nbproject

9/26/2014 1:38 ...

File folder

src

9/26/2014 1:38 ...

File folder

build.xml

9/26/2014 1:38 ...

XML File

4 KB

manifest.mf

9/26/2014 1:38 ...

MF File

1 KB

runlab03B.bat

9/27/2014 3:00 ...

Windows Batch ...

1 KB

Property Loan Amounts

Type: Residential, Cost: 250000.00, Loan Amount: 220000.00, Monthly Amount: 1520.01, Number of Years: 25
Total Amount Paid for loan: 456001.61
Type: Residential, Cost: 250000.00, Loan Amount: 195000.00, Monthly Amount: 1226.76, Number of Years: 25
Total Amount Paid for loan: 368027.25

OK

C:\Windows\system32\cmd.exe

C:\Users\Sai Kham\Desktop\cs209\Lab03B>"C:\Program Files\Java\jre1.8.0_20\bin\javac -cp ".\build\classes" Lab03B.BasicMethodslab

Loan Amount = 220000.00
TotalAmountPaid 456001.6066403471
Loan Amount = 195000.00
TotalAmountPaid 368027.24541725207