Assignment 1   **17/20 Points**

1/19/2022

Offline Score:
17/20

0

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⌄ Details

All assignments are emailed to cislabs05@gmail.com

This Assignment has two parts. Please work on the following requirements given below:

You are required to use basic language constructs including declaring variables, expression, input using Scanner, output using System.out.printf, decision making, looping constructs and methods.

For Part 1:

Use the **following (https://deanza.instructure.com/courses/23660/files/6452161/download?wrap=1)** ⤓ **(https://deanza.instructure.com/courses/23660/files/6452161/download?download_frd=1)** requirements to develop this program. - Pg. 194 Problem 5.22 (Loan Amortization Schedule)

For Part 2:

(https://deanza.instructure.com/courses/23660/files/6452334/download?wrap=1) **(https://deanza.instructure.com/courses/23660/files/6452334/download?wrap=1)** Use the **following (https://deanza.instructure.com/courses/23660/files/6452334/download?wrap=1)** ⤓ **(https://deanza.instructure.com/courses/23660/files/6452334/download?download_frd=1)** requirements to develop this program. - Pg. 239 Problem 6.22 (Approximate the square root)

Misc help for Part 1

annualInterestRate = annualInterestRate / 100;
i = monthlyInterestRate = annualInterestRate / 12;
n = numberOfYear * 12;
monthlyPayment = (loanAmount * i * Math.pow(i + 1, n)) / (Math.pow(i + 1, n) - 1);
totalPayment = monthlyPayment * 12;

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(https://deanza.instructure.com/courses/23660/modules/items/1808017)   **(https://deanza.instructure.cc**