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/30795/files/9684496/download?wrap=1)[Download following](https://deanza.instructure.com/courses/30795/files/9684496/download?download_frd=1) requirements to develop this program. -  Pg. 194 Problem 5.22 (Loan Amortization Schedule)

For Part 2:

Use the [following](https://deanza.instructure.com/courses/30795/files/9684379/download?wrap=1)[Download following](https://deanza.instructure.com/courses/30795/files/9684379/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;

s