Let’s Talk about some of these terms and definitions. Can we create an example, or show what these terms are with an example?

class

instance of a class

object

state of an object

instance field

behavior

constructor

instance method

variable scope

access modifier

private

public

local variable

parameter

argument

control flow

class diagram

object diagram

For the second part of this weeks session we are going to implement a Loan Calculator. The Loan Calculator should take a loan amount from the user as input. The calculator should also take an interest rate from the user. Lastly, the program should take a period in years that the loan is to be repaid. You must then take that input, calculate, and print out to the console for the user the Total amount to be repaid and the amount of the monthly payment.