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Credit Calculator
Class Diagram

MODEL

World

- Credit : Credit
- File : File

+ world( ) : Credit
+ newCredit(Amount: Double, FinInterest: Double, TimeInMonths: Int)

Credit

- creditTimeLapse : Int
- creditInvestment: Double
- creditInterest: Double
- creditEffectiveRate: Double
- creditAnnuityValue: Double
- creditFeeValue: Double

+ setCreditTimeLapse : Void
+ setCreditInvestment: Void
+ setCreditInterest: Void
+ setCreditEffectiveRate: Void
+ setCreditAnnuityValue: Void
+ setCreditFeeValue: Void
+ getCreditTimeLapse : Int
+ getCreditInvestment: Double
+ getCreditInterest: Double
+ getCreditEffectiveRate: Double
+ getCreditAnnuityValue: Double
+ getCreditFeeValue: Double

ReadWriteFile

- Pr: PrintReader
- Pw: PrintWriter
- Fr: FileReader
- Fw: FileWriter

- getText( ): String
- setText(credit: String): String

CONTROLLER

Controller

- world: World
- interface: Interface

+ Controller( )

Main

- Controller: Controller

+ Main( )

VIEW

Interface

+ askData(Title:String): String
+ writeData(Data:String): String