Book

+ Title: String + Author: String -Pages: Int -BookColor: String - WordCount: Int

+ Book(Title: String, Author: String, WordCount: Int)

+ getOpening(): String

+ setBook(Author: String): void

+ getPageCount(): Int

+ setPageCount(WordCount: Int): void

+ GetOpener(): void + getFinalBookDraft(): int

Movie

+Title: String -Rating: Float -PlayCount: Int +CharacterTotal: int -Director: String

+ Movie(Title: String, CharacterTotal: String)

+ getStartOfMovie(): String

+ setStartOfMovie(Title: String): void

+ getCharactereTotal(): String

+ setCharacterTotal(CharacterTotal: Int): void

+ getStartOfMovie(): void + getMovieOutput(): int

BankAccount

-Balance: Float +Owner: String

+AdditionalOwners: String

-TaxRate: Int -PercentIncrease: Int

+ BankAccount(Owner: String, AdditionalOwner: String)

+ getOwnerUpdate(): String

+ setOwnerUpdate(Owner: String): void

+ getAdditionalOwners(): String

+ setadditionalOwners(AdditionalOwners: String): void

+ getBankAccountOwner(): void + getBankAccountInformation(): int

Rectangle

+Width: Int +Height: Int -Area: Int -Perimetere: Int -Color: Int

+ Rectangle(Width: Int, Height: Int)

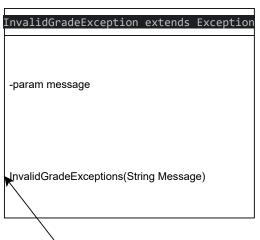
+ getLength(): Int + setLength(Height: Int): void

+ getHeight(): Int

+ setWidth(Width: String): void

+ getTotalLength(): void + getTotalHeight(): int

Student private string studentId private String name; private int[] grades; grades array averageGrade letterGrade Student(studentId, name, grades) calculateAverage(int [] Grades) private char determineLetterGrade(int[] grades) public String toString() {



StudentRecordsManager

MAINLY FOR HANDLING STUFF

main(String[])
INPUTS HERE FOR filename(Inputfile) and outputfile

input validations here

there is MANY things, they chain from Student, to StudentRecords, and calls InvalidGradeException if error happens