Lab9

Statistic	Student	Student Report	Instructor Report	Util	Printable (Interface)	Creatable (Interface)	CreatePrint (ABSTRACT)	Gradebook
- static final long serialVersionUID - int[] lowscores - int[] highscores - float[] avgscores	- static final long serialVersionUID - int SID - int[] scores[]	- static final long serialVersionUID - Student x - Statistics y	- static final long serialVersionUID - Student s[] - Statistics st	+ Student[] readFile(String filename, Student[] stu) + void writeStudentReporttodisk(StudentReport al, String fname) + public StudentReport readStudentReportfromdisk(String fname) + void writeInstructorReporttodisk(InstructorReport al, String fname) + InstructorReport readInstructorReportfromdisk(String fname) + String getAnySer() + void writeInstructorReporttodisk(InstructorReport al, String fname) + InstructorReport readInstructorReportfromdisk(String fname) + String getAnySer() - Student getStudent(String s) - Student getStudent(String s)	+ boolean DEBUG + void getStats() + void printstudentscores(int id) + void printstudentgrade(int id)	+ void createGradeBook(String fname); + void printGradeBook() + void getGradesInteractive(Scanner reader, String requestString);	- Util u - Student arr[] - Statistics s - StudentReport arr2[] - String fileName; + void createGradeBook(String fname) + void printGradeBook() + void getStats() + void printstudentscores(int id) + void getGradesInteractive(Scanner reader, String requestString) { + void printstudentgrade(int id)	empty
+ int[] getLowscores() + void setLowscores(int[] lowscores) + int[] getHighscores() + void setHighscores(int[] highscores) + float[] getAvgscores() + void setAvgscores(float[] avgscores) + void findLow(Student[] a) + void findhigh(Student[] a) + void findavg(Student[] a) + void print()	+ Student() + Student(int SID, int[] scores) + int getSID() + void setSID(int sID) + int[] getScores() + void setScores(int[] scores) + void setScores(int score1, int score2, int score3, int score4, int score5) + String getGrade() + double totalScore() + void print()	+ StudentReport(Student x, Statistics y) + Student getStudent() + void setStudent(Student x) + Statistics getStatistics() + void setStatistics(Statistics y) + void print()	+ InstructorReport(Student[] s, Statistics st) + void print(int id) + public void print()					

Associate
Extends
Containment
ABSTRACT Class
implements
implements Serializable