<<Interface>>
StudentInterface

+registerCourse()
+viewAllCourses()
+viewOpenCourses()
+registerCourses()
+systemExit()
+withdrawCourse()
+viewRegisteredCourses()

User

#userName: String
#password: String
#firstName: String
#lastName: String

+systemExit()

<<Interface>>
AminInterface

+createCourse()
+deleteCourse()
+editCourse()
+displayCourse()
+registerCourse()
+viewAllCourses()
+viewAllFullCourses()
+writeFullCourses()
+viewStudentsOfCourse()
+viewCoursesOfStudents()
+sortCourses()
+systemExit()

Admin

+toString(); String

Student

+toString(); String

Serializable

Comparable

Course

-name: String
-courseInstructor: String
-id: String
-sectionNum: int
-location: String
-maxStudents: int
-numOfStudents: int
-students: ArrayList<Students>

+toString(): String
+studentsNamesToString(): String
+compareTo(): int

Data

-allstudents: ArrayList<Student>
-courses: ArrayList<Course>

+serialize()
+deserialize()

CRSystem

+main()
+adminSystem(Admin, Scanner)
+courseManagementMenu(Admin,Scanner)
+reportsMenu(Admin,Scanner)