abstract Course

- semester:int
- dept:String
- lecturer:Lecturer
- marks:Map<String,Map<Student,double>>
- attendance: List<List<Student>>

+ abstract admit(Student):bool
+ addAssignment(String):void
+ updateMarks(Student, String, double):void

abstract Student

- isGrad:bool
- semsCompleted:int
- coursesCompleted:List<Course>

+ apply(Course):bool
+ reqsCompleted(params):bool

College

- courses:List<Course>
- lecturers:List<Lecturer>
- students:List<Student>
- currentSemester:int

+ addCourse(Course):void
+ printAllCourses():void
+ printAllCurrCourses():void

+ addLecturer(Lecturer):void
+ printAllLecturers():void

+ printCourseLecturerHistory():void

+ addStudent(Student):void
+ printAllStudents():void

+ admitStudentsToCourses():void

+ completeSemester():void

FinalYearProject

Thesis

Other

Hostelite

- hostelName
- roomNum
- hostelFees

DayScholar

abstract Lecturer

- dept:String
- lectHistory:List<Course>
- currCourse:Course

+ abstract calcPay():double
+ setCurrCourse(Course):void
+ updateMarks(Student,String,double)
+ updateAttendance(List<Student>)

HOD

- dept:String

+ allocateLecturers():void
+ changeAllocation(Course, Lecturer, Lecturer):void

AdminStaff

- id:String
- password:String

+ login():College

FullTime

- targetDays:int
- monthlySalary:double

VisitingMember

- numLectures:int
- salary:double