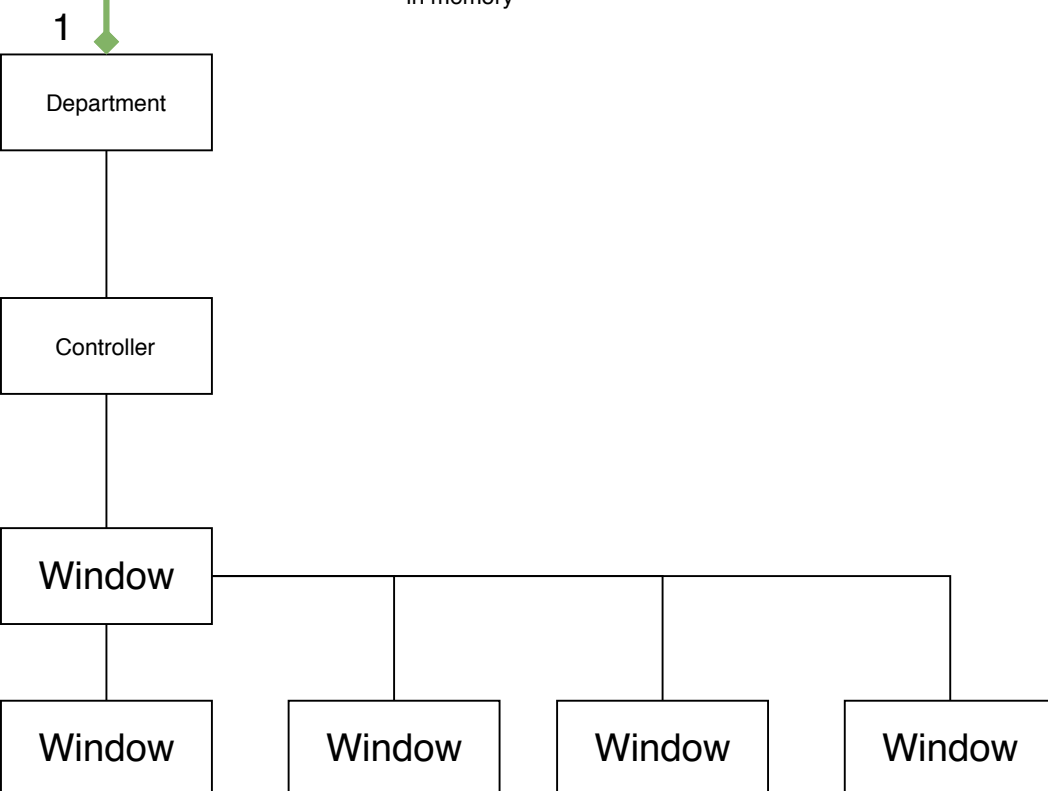


composition: tail is apart of head,
where head owns its own tail
in memory



<i>Person</i>
name: String # email: String # id: String + CMP: Comparator<Person>
+ Person(List<String>) + getName(): String + getEmail(): String + getID(): String + compareTo(Person): int

Person is an
abstract class

Student
- courses: List<String>
+ Student(List<String>) + getCourses(): List<String>

courses: List<String> should
have the CAT#s of courses
the student is taking

Exam
- date: Date - room: Room
+ Exam(Date, Room) + getDate(): Date + getRoom(): Room

Room
- roomNum: int
+ Room(int) + getRoomNum(): int

Staff
- role: String
+ Staff(List<String>) + getRole(): String

Professor
- courses: List<String>
+ Professor(List<String>) + getCourses(): List<String>

courses: List<String> should
have the CAT#s of courses
the professor teaches

Section
- letter: String - prof: Professor - catNum: String
+ Section(String, Professor, String) + getLetter(): String + getProfessor(): Professor + getCatNum(): String

Course
+ name: String + desc: String + section: Section + exam: Exam
+ Course(String, Section, String, Exam) + getName(): String + getDesc(): String + getSection(): Section + getExam(): Exam

Department
+ field: type
+ method(type): type