Time

- hour: int
- minute: int

+ Time()
+ Time(hour: int,
           minute: int)
+ Time(other: Time)
+ getHour(): int
+ setHour(hour: int)
+ getMinute(): int
+ setMinute(minute: int)
+ clone(): Object
+ compareTo(other:
                      Time): int
+ toString(): String

Date

- day: int
- month: int
- year: int

+ Date()
+ Date(day: int,
           month: int,
           year: int)
+ Date(other: Date)
+ getDay(): int
+ setDay(day: int):
               void
+ getMonth(): int
+ setMonth(month:
                   int): void
+ getYear(): int
+ setYear(year: int)
+ clone(): Object
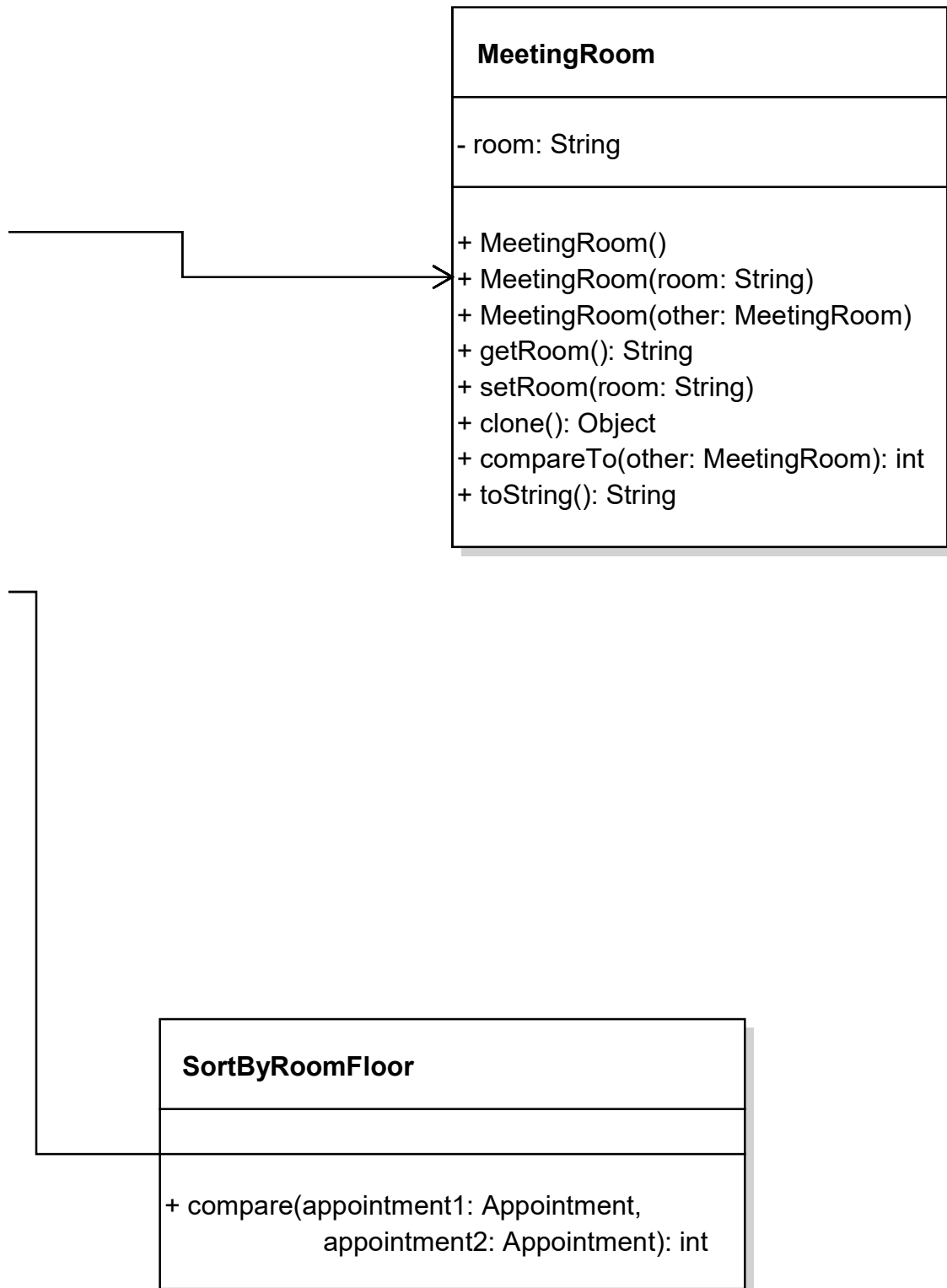+ compareTo(other:
        Date): int

Appointment

- name: String
- purpose: String
- date: Date
- time: Time
- room: MeetingRoom

+ Appointment()
+ Appointment(name: String, purpose: String,
                        date: Date, time: Time,
                        room: MeetingRoom)
+ Appointment(other: Appointment)
+ getName(): String
+ setName(name: String): void
+ getPurpose(): String
+ setPurpose(purpose: String): void
+ getDate(): Date
+ setDate(date: Date): void
+ getTime(): Time
+ setTime(time: Time): void
+ getRoom(): MeetingRoom
+ setRoom(room: MeetingRoom): void
+ clone(): Object
+ compareTo(other: Appointment): int
+ compare(appointment1: Appointment,
                    appointment2: Appointment): int
+ toString(): String

MeetingRoom

- room: String

+ MeetingRoom()
+ MeetingRoom(room: String)
+ MeetingRoom(other: MeetingRoom)
+ getRoom(): String
+ setRoom(room: String)
+ clone(): Object
+ compareTo(other: MeetingRoom): int
+ toString(): String

SortByRoomFloor

+ compare(appointment1: Appointment,
            appointment2: Appointment): int

+ toString(): String