Row
totalSeat: int

Cinema
sessionList: HashMap <String, Session>

CinemaBookingSystem
bookingList: HashMap <int, Booking>

- totalSeat: int
- name: String
+ Row(totalSeat:int, name:String):void

Seat
- availableSeat: LinkedList\<int\>
- bookedSeat: LinkedList\<int\>
+ Seat(totalSeat:int, name:String):void
+ requirdSeat(int): boolean
- bookSeat()

```
- sessionList: HashMap<String, Session>
- name: int
- rowList: ArrayList<Row>

+ Cinema(name):void
+ addSession(time:String,movie:String):void
+ required(time:String,seat:int): boolean
+ change(time:String,seat:int):boolean
```

```
- bookingList: HashMap<int, Booking>
- cinemaList: HashMap<int, Cinema>

+ main(): void
+ cinema(cinema:int,row:int,seats:int):void
+ session(cinema:int,time:String,movie:String): void
+ request(id:int,cinema:int,time:String,tickets:int): void
+ change(id:int,cinema:int,time:String,tickets:int): void
+ cancel(id:int): void
+ print(cinema:int,time:String): void
+ book(cinema:int,row:String,startSeat:int,tickect:int):void
- getCinema(bookingID:int):Cinema
```

Session

```
- seatList: ArrayList<Seat>
- bookingList: ArrayList<Booking>
- time: String
- movie: String

+ Session(time:String,movie:String):void
+ checkSeat(seat:int): boolean
+ change(seat:int): boolean
```

Booking

```
- id: int
- cinema: int
- time: String
- row: String
- startSeat: int
- endSeat: int

+ Booking(id:int,chinema:int,row:String,startSeat:int,tickets:int):void
+ toString(): String
+ change(row:String,startSeat:int,tickets:int,time:String):void
```