

영화 예매 프로그램

B조

Movie(영화)

movieTitle(영화 제목) : String
runningTime(러닝타임) : int

Movie(String movieTitle, int
runningTime)
getMovieTitle() : String
getRunningTime() : int
toString() : String

Date(날짜)

dateString(날짜) : String

Date(int year, int month, int
day)
getDateString() : String
setDateString(int year, int
month, int day): void
toString() : String

Time(시간)

time(시간) : String

Time(String time)
getTime() : String
setTime(String time) : void
toString() : String

Seat(좌석)

seat(좌석) : String
seatState(좌석상태) : int
(0 : 예매x, 1 : 예매o)

Seat()
getSeat() : String
setSeat(String seat) : void
getSeatState() : int
setSeatState(int seatState) : void

Theater(극장)

theaterName(극장이름) : String
seats(상영관 좌석) : Seat[][]
totSeats(전체 좌석수) : int
reservationSeats(예매된 좌석수) : int

Theater(String theaterName, int a,
int b)
getSeats() : Seat[][]
getTheaterName() : String
getTotSeats() : int
getReservationSeats() : int
setReservationSeats() : void
toString() : String

Snack(매점)

snack() : void (스낵 구매 메서드)
returns() : void
tot(int pop, int drink, int snack) : void
candle(int su1, int su2, int su3, int su4, int su5, int su6,String[]pop, String[]
drink, String[] snack, int e, int f, int pop_t, int drink_t, int snack_t, int[] pop_p,
int[] drink_p, int[] snack_p, String prints) : void
receipt1(int su1, int su2, int su3, int su4, int su5, int su6, String result1, String
result2, String result3, String[]pop, String[] drink, String[] snack, int pop_t, int
drink_t, int snack_t, int tot) : void
receipt2(int su1, int su2, int su3, int su4, int su5, int su6, String result1, String
result2, String result3, String[]pop, String[] drink, String[] snack, int pop_t, int
drink_t, int snack_t, int tot, int e, int f , int[] pop_p, int[] drink_p, int[] snack_p) :
void

<div>ScreenData(영화 데이터) (데이터를 입력해 놓은 클래스)</div>	<div>ReservationInfo(예매 내역)</div>
<div>movies(영화 목록) : Movie[] theaters(상영관 목록) : Theater[][][] dates(날짜 목록) : Date[] times(시간 목록) : Time[]</div>	<div>movie(영화) : Movie theater(상영관) : Theater date(날짜) : Date time(시간) : Time Row(좌석 열 번호) : int seatNumber(좌석 행 번호) : int</div>
<div>theaterArray() : void (상영관 데이터 배열에 입력) toString() : String</div>	<div>ReservationInfo(Movie movie, Theater theater, Date date, Time time, int row, int seatNumber) printInfo() : void getMovie() : Movie getTheater() : Theater getDate() : Date getTime() : Time getRow() : int getSeatNumber() : int toString() : String</div>
<div>ExceptionArrayIndex (인덱스범위 예외)</div>	
<div>ExceptionArrayIndex()</div>	

<div>MovieProgram (영화 예매 프로그램)</div>
<div>reList(예매 내역 리스트) : ArrayList<ReservationInfo></div>
<div>runMovieProgram() : void (프로그램 실행 메서드) selectInput() : int[] (선택 메서드) movieReservation() : void (예매 메서드) showTheaterSeats() : void (극장별 좌석 현황) seatStatus(Theater theater) : void (남은 좌석 표시) show_seats(Theater theater) : void (좌석 현황 조회) show_ticket(): void (예매 내역 조회) cancel() : void (예매 취소) exceptionIndex(int num) : void (배열 인덱스 범위 예외처리 메서드) throws ExceptionArrayIndex</div>