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| Function Name | Description | Input Parameter | Return Data |
| readMovieSched | Loads movie schedules from text file. | movies - empty pointer to movie data  numOfMovies - pointer to max number of movies | movies - pointer with updated movie data from text file. |
| initSeatNumber | Initializes SeatNumber structs with memory (malloc). |  | takenSeats - initialized SeatNumber structs. |
| initReservations | Initializes Reservation structs with memory (malloc). | reservations - empty pointer to reservation data  movies - movie data to be inputted to reservations  numOfMovies - max number of movies | Reservations - initialized Reservation structs. |
| getTakenSeat | Get the seat which corresponds to letter and number. | letter - seat letter  number - seat number  reservation - data from where seat will be taken | seat - returned seat, could be NULL. |
| checkReservation | Get the reservation of a movie. | reservations - data to get reservation from.  movie - name of the movie  numOfMovies - max number of movies | reservation - return reservation. |
| checkFullSeats | Check if all of the seats in the reservation are full. | reservation - reservation to check | isFull - true/false depending if reservation is full. |
| reserveSeat | Allows users to pick preferred movies and reserve seat/s. | reservations - data to reserve a seat from  patron - pointer to data of the patron (seats taken etc.)  numOfMovies - max number of movies |  |
| printTicket | Print patron data to a text file. | patron - data to be printed to text file |  |
| saveAndExit | Print reservation data to a text file. | reservations - data to be printed to text file  numOfMovies - max number of movies  DateFilename - name of the text file to be written. |  |