

Book Your Show :-)

This assignment is designed to reinforce your understanding of arrays , loops, and Java,in general. It asks you to build a BookYourShow class capable of booking tickets for movies.

The BookYourShow class has a few simple behaviors, which are described below. It also asks you to develop a menu class which should contain the main() method and provide the user with a menu allowing the user to exercise all of the features of the BookYourShow class.

The Show Class

Each Show should have the following information about the event it describes.

The constructor should take a three parameters, the name of the movie, the show date and time , and the seats with seat numbers like A1, B2, A3, A2, B1....etc.

The Patron Class

In order to store the user details create the Patron class.

Each patron should have the following information.

Name of the Patron and Mobile Number of the Patron.

The BookYourShow Class

Each BookYourShow should allow the user to store Shows. The user can add, remove, and access shows as described below.

The user can add, remove, and access shows as described below.

- Users should be able to addAShow()
- Users should be able to getAShow() by specifying the movie name ,date and time. This method should return all the shows that matches the given details.
- Users should be able to bookAShow() by specifying his name,movie name, Mobile Number, Date-Time and Seat numbers. If the seats are not available then the booking should not be possible.
- Users should be able to printTickets() by specifying their mobile number ,movie name and date-time.
- Users should be able to see all the shows by showAll()

The Solution Class

The Solution should provide the user with the option of adding, booking, individual shows, or of printing a list of all tickets. The main method which is the driver method is used to drive the program.