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package movieTicketBookingSimulator;
import java.util.HashMap;
import java.util.Map;
import java.util.Scanner;

class Theatre {
    private String username;
    private String password;
    private Map<String, Integer> seatingArrangement; // Date and
corresponding available seats

    public Theatre(String username, String password) {
        this.username = username;
        this.password = password;
        this.seatingArrangement = new HashMap<>();
    }

    public boolean login(String enteredUsername, String enteredPassword)
{
        return username.equals(enteredUsername) &&
password.equals(enteredPassword);
    }
    public void updatePassword(String newPassword) {
        password = newPassword;
        System.out.println("Password updated successfully!");
    }
    public void viewSeatingArrangement(String date, String showTime) {
        int availableSeats = seatingArrangement.getDefault(date +
showTime, 100); // Assuming 100 seats by default
        System.out.println("Available seats on " + date + " at " +
showTime + ": " + availableSeats);
    }
    public void bookTicket(String date, String showTime, int seats) {
        String key = date + showTime;
        int availableSeats = seatingArrangement.getDefault(key, 100);

        if (seats <= availableSeats) {
            seatingArrangement.put(key, availableSeats - seats);
            System.out.println("Ticket booked successfully for " + seats
+ " seats on " + date + " at " + showTime);
        } else {
            System.out.println("Insufficient seats available.");
        }
    }
    public void viewBookingStatus(String date, String showTime) {
        int bookedSeats = 100 - seatingArrangement.getDefault(date +
showTime, 100);
        System.out.println("Booked seats on " + date + " at " + showTime
+ ": " + bookedSeats);
    }
}

public class MovieTicketBookingSimulator {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        Scanner scanner = new Scanner(System.in);
    }
}

```



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        theatre.viewBookingStatus(date, showTime);
        break;
    case 5:
        System.out.println("Logging out. Goodbye!");
        System.exit(0);
    default:
        System.out.println("Invalid choice. Please
try again.");
    }
}
} else {
    System.out.println("Invalid username or password. Please
try again.");
}
}

}
```