

Question:

Movie Booking System (Polymorphism & Method Overloading):

Create a class MovieBooking with a method bookTicket() that:

Takes Movie Name & Time as parameters.

Overloads bookTicket(int seats) to handle bulk bookings.

Demonstrate method overloading for different booking cases.

Movie.java:

```
package Movieticket;

public class Movie {

    public void bookTicket(String movieName, String showTime) {
        System.out.println("Book ticket for " + movieName + " at " + showTime);
        System.out.println("ticket booked successfully!");
    }

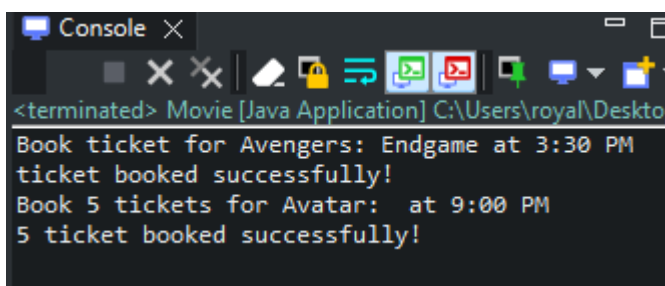
    public void bookTicket(String movieName, String showTime, int seats) {
        System.out.println("Book " + seats + " tickets for " + movieName + " at " + showTime);
        System.out.println(seats + " ticket booked successfully!");
    }

    public static void main(String[] args) {
        Movie m = new Movie();

        m.bookTicket("Avengers: Endgame", "3:30 PM");

        m.bookTicket("Avatar: ", "9:00 PM", 5);
    }
}
```

OUTPUT:



```
<terminated> Movie [Java Application] C:\Users\royal\Desktop
Book ticket for Avengers: Endgame at 3:30 PM
ticket booked successfully!
Book 5 tickets for Avatar:  at 9:00 PM
5 ticket booked successfully!
```