booking a bus ticket

```java
import java.util.Scanner;

public class BusTicketBookingSystem {
private static int availableSeats = 50; // Set the initial number of available seats

public static void main(String[] args) {
Scanner scanner = new Scanner(System.in);

while (true) {
System.out.println("1. Book a ticket");
System.out.println("2. View available seats");
System.out.println("3. Exit");
System.out.print("Enter your choice: ");

int choice = scanner.nextInt();

switch (choice) {
case 1:
bookTicket();
break;
case 2:
viewAvailableSeats();
break;
case 3:
System.out.println("Exiting program. Thank you!");
System.exit(0);
default:
System.out.println("Invalid choice. Please enter a valid option.");
}
}
}

private static void bookTicket() {
if (availableSeats > 0) {
System.out.print("Enter the number of tickets to book: ");
Scanner scanner = new Scanner(System.in);
int numTickets = scanner.nextInt();

if (numTickets > 0 && numTickets <= availableSeats) {
System.out.println("Booking " + numTickets + " ticket(s)...");
availableSeats -= numTickets;
System.out.println("Booking successful. Enjoy your journey!");
} else {
System.out.println("Invalid number of tickets. Please enter a valid number.");
}
} else {
System.out.println("Sorry, no available seats. The bus is fully booked.");
}
}
```

```java
private static void viewAvailableSeats() {
System.out.println("Available seats: " + availableSeats);
}
}
```

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