

# Railway Management System

## **Team Details :**

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## **Abstract :**

This Management System is for the purpose of Train ticket Booking, where first the user will have to enter their personal details like their Name, Gender and Phone Number. Then they will start searching for their required tickets and available trains by entering their source and destination. Once they enter their source and destination the available trains on that route will get displayed along with its Train Number. Now the user will have to choose the train according to their convenience by entering the train number displayed above. Now they will have to choose the category of tickets that they need along with number of tickets required which will be limited to 6. Once they complete their selection, The copy of ticket will get printed with all the details of the passenger, train

along with the amount to be paid for the booking they have done.

## **Introduction :**

The Railway Management System facilitates the passengers to enquire about the trains available on the basis of source and destination and booking of preferred tickets based on the choice of the user.

## **List of Modules :**

**1. User Registration :** The User will have to register his/her details into the ticket booking portal with their personal information like their name, gender, and mobile number which will be printed later on in their ticket.

**2. Source and Destination :** The User once registered into the portal will now have to Start searching for trains based on their source and destination. They will have to enter their Source and Destination in the required column in order to get the details of the available trains.

**3. Trains Availability :** The details of the required train will get displayed based on the user search of their Source and Destination. The user should then choose the train according to their convenience by entering the train number.

**4. Ticket Booking :** The user will have to choose the category of tickets( General , AC ) along with the number of tickets that they need and it will then direct the booking to the GUI interface.

**5. Ticket Copy with Amount :** This prints a copy of a ticket in the GUI interface with all the user information which were given during the time of registration along with the details of the train that they will be traveling in and the amount of ticket that they needs to be paid by them.

## **SQL Database :**

### ***Database Creation Program :***

```
Create table train( train_no int primary key,  
train_name varchar(30),  
train_time time,  
source varchar(30),  
destination varchar(30))
```

```
Insert into train values(1,'Godavari  
Express','11:15','Vijayawada','Hyderabad'),  
(2,'Falaknuma Express','13:25','Vijayawada','Hyderabad'),  
(3,'Pinakini Express','10:15','Vijayawada','Chennai'),  
(4,'Coromandal Express','12:10','Vijayawada','Chennai'),  
(5,'Howrah Express','09:15','Vijayawada','Bangalore'),  
(6,'Tata Express','09:15','Vijayawada','Bangalore'),  
(7,'Kerala Express','10:15','Vijayawada','Kochi'),
```

(8,'Gurudev Express','14:30','Vijayawada','Kochi'),  
(9,'Godavari Express','06:15','Hyderabad','Vijayawada'),  
(10,'Falaknuma  
Express','13:40','Hyderabad','Vijayawada'),  
(11,'Duronto Express','07:30','Hyderabad','Bangalore'),  
(12,'Wainganga Express','03:50','Hyderabad','Bangalore'),  
(13,'Ernakulam Express','18:50','Hyderabad','Kochi'),  
(14,'Sabari Express','21:50','Hyderabad','Kochi'),  
(15,'Charminar Express','16:50','Hyderabad','Chennai'),  
(16,'Simhapuri Express','08:50','Hyderabad','Chennai'),  
(17,'Pinakini Express','11:50','Chennai','Vijayawada'),  
(18,'Coromandal Express','04:50','Chennai','Vijayawada'),  
(19,'Simhapuri Express','21:50','Chennai','Hyderabad'),  
(20,'Charminar Express','22:25','Chennai','Hyderabad'),  
(21,'Lalbagh Express','18:20','Chennai','Bangalore'),  
(22,'Mysore Express','13:00','Chennai','Bangalore'),  
(23,'Trivandrum Express','08:00','Chennai','Kochi'),  
(24,'Alleppey Express','16:30','Chennai','Kochi'),  
(25,'Howrah Express','18:05','Bangalore','Vijayawada'),  
(26,'Tata Express','21:28','Bangalore','Vijayawada'),  
(27,'Wainganga Express','17:20','Bangalore','Hyderabad'),  
(28,'Duronto Express','10:51','Bangalore','Hyderabad'),  
(29,'Lalbagh Express','10:51','Bangalore','Chennai'),  
(30,'Mysore Express','14:00','Bangalore','Chennai'),  
(31,'Kochuveli Express','11:30','Bangalore','Kochi'),  
(32,'Ernakulam Express','02:30','Bangalore','Kochi'),  
(33,'Kerala Express','22:20','kochi','Vijayawada'),  
(34,'Gurudev Express','12:10','kochi','Vijayawada'),  
(35,'Ernakulam Express','09:42','kochi','Hyderabad'),  
(36,'Sabari Express','15:20','kochi','Hyderabad'),

(37,'Trivandrum Express','08:58','kochi','Chennai'),  
 (38,'Alleppey Express','21:10','kochi','Chennai'),  
 (39,'Kochuveli Express','11:00','kochi','Bangalore'),  
 (40,'Ernakulam Express','15:15','kochi','Bangalore');

### ***Database :***

Railway/postgres@PostgreSQL 13 ▾					
Data Output					
	train_no [PK] integer	train_name character varying (30)	train_time time without time zone	source character varying (30)	destination character varying (30)
1	1	Godavari Express	11:15:00	Vijayawada	Hyderabad
2	2	Falaknuma Express	13:25:00	Vijayawada	Hyderabad
3	3	Pinakini Express	10:15:00	Vijayawada	Chennai
4	4	Coromandal Express	12:10:00	Vijayawada	Chennai
5	5	Howrah Express	09:15:00	Vijayawada	Bangalore
6	6	Tata Express	09:15:00	Vijayawada	Bangalore
7	7	Kerala Express	10:15:00	Vijayawada	Kochi
8	8	Gurudev Express	14:30:00	Vijayawada	Kochi
9	9	Godavari Express	06:15:00	Hyderabad	Vijayawada
10	10	Falaknuma Express	13:40:00	Hyderabad	Vijayawada
11	11	Duronto Express	07:30:00	Hyderabad	Bangalore
12	12	Wainganga Express	03:50:00	Hyderabad	Bangalore
13	13	Ernakulam Express	18:50:00	Hyderabad	Kochi
14	14	Sabari Express	21:50:00	Hyderabad	Kochi
15	15	Charminar Express	16:50:00	Hyderabad	Chennai

### **Project Program :**

```
import javax.swing.*;
```

```
import java.awt.*;
```

```
import java.util.Scanner;
```

```
public class user{  
    String name;  
    String gender;  
    String ph_no;  
}  
class source_destination extends user{  
    String source;  
    String destination;  
}  
class train_details extends source_destination{  
    int train_no;  
    String train_name;  
    String train_time;  
}  
class seat_details extends train_details{  
    String seat_number;  
}  
class checkbox extends seat_details{  
    JFrame jf=new JFrame("Ticket details");  
    JLabel a,b,c,d,e,f,g,h,i,j;  
}  
  
class payment{  
    public static void main(String[] args) {  
        int seat;  
        double acticket_price=0;  
        double genticket_price=0;  
        Scanner sc=new Scanner(System.in);  
        checkbox s1=new checkbox();
```

```

    System.out.println("Enter the user details [Name,
Gender, Phone Number] : " );
    s1.name= sc.nextLine();
    s1.gender=sc.nextLine();
    s1.ph_no=sc.nextLine();
    System.out.println(" Source      -----
Destination");
    System.out.println(" Vijayawada \t  \t
Vijayawada");
    System.out.println(" Hyderabad \t  \t
Hyderabad");
    System.out.println(" Chennai \t  to \t
Chennai");
    System.out.println(" Bangalore \t \t
Bangalore");
    System.out.println(" Kochi \t  \t  Kochi");
    System.out.println("Enter Source : ");
    s1.source=sc.nextLine();
    System.out.println("Enter Destination : ");
    s1.destination=sc.nextLine();
    if(s1.source.equals("Vijayawada") &&
s1.destination.equals("Hyderabad")){
        System.out.println("Train.no -- Train.name -
- Train.time");
        System.out.println(" 1      Godavari Express
11:15 ");
        System.out.println(" 2      Falaknuma Express
13:25 ");

        acticket_price=100.0;

```

```
        genticket_price=50.0;
    }
    else if(s1.source.equals("Vijayawada") &&
s1.destination.equals("Chennai")){
        System.out.println("Train.no -- Train.name -
- Train.time");
        System.out.println("  1      Pinakini Express
10:15 ");
        System.out.println("  2      Coromandal
Express   12:10 ");

        acticket_price=120.0;
        genticket_price=60.0;
    }
    else if(s1.source.equals("Vijayawada") &&
s1.destination.equals("Bangalore")){
        System.out.println("Train.no -- Train.name -
- Train.time");
        System.out.println("  1      Howrah Express
9:15 ");
        System.out.println("  2      Tata Express
14:30 ");

        acticket_price=110.0;
        genticket_price=55.0;
    }
    else if(s1.source.equals("Vijayawada") &&
s1.destination.equals("Kochi")){
        System.out.println("Train.no -- Train.name -
- Train.time");
```



```
        System.out.println(" 1      Kerala Express  
10:15 ");  
        System.out.println(" 2      Gurudev Express  
14:30 ");
```

```
        acticket_price=150.0;  
        genticket_price=50.0;  
    }  
    else if(s1.source.equals("Hyderabad") &&  
s1.destination.equals("Vijayawada")){  
        System.out.println("Train.no -- Train.name -  
- Train.time");  
        System.out.println(" 1      Godavari express  
9:15 ");  
        System.out.println(" 2      Falaknuma  
express2    15:25 ");
```

```
        acticket_price=110.0;  
        genticket_price=55.0;  
    }  
    else if(s1.source.equals("Hyderabad") &&  
s1.destination.equals("Bangalore")){  
        System.out.println("Train.no -- Train.name -  
- Train.time");  
        System.out.println(" 1      Durgam Express  
9:15 ");  
        System.out.println(" 2      Wainganga Express  
13:30 ");
```

```
        acticket_price=120.0;
```

```
        genticket_price=60.0;
    }
    else if(s1.source.equals("Hyderabad") &&
s1.destination.equals("Kochi")){
        System.out.println("Train.no -- Train.name -
- Train.time");
        System.out.println("  1      Ernakulam Express
8:15 ");
        System.out.println("  2      Sabari Express
15:30 ");

        acticket_price=210.0;
        genticket_price=100.0;
    }
    else if(s1.source.equals("Hyderabad") &&
s1.destination.equals("Chennai")){
        System.out.println("Train.no -- Train.name -
- Train.time");
        System.out.println("  1      Charminar Express
11:15 ");
        System.out.println("  2      Simhapuri Express
14:10 ");

        acticket_price=90.0;
        genticket_price=50.0;
    }
    else if(s1.source.equals("Chennai") &&
s1.destination.equals("Vijayawada")){
        System.out.println("Train.no -- Train.name -
- Train.time");
```

```
System.out.println(" 1    Pinakini Express  
9:15 ");
```

```
System.out.println(" 2    Corormandal  
Express    15:25 ");
```

```
    acticket_price=110.0;  
    genticket_price=60.0;  
}
```

```
else if(s1.source.equals("Chennai") &&  
s1.destination.equals("Hyderabad")){  
    System.out.println("Train.no -- Train.name -  
- Train.time");
```

```
System.out.println(" 1    Simhapuri Express  
11:15 ");
```

```
System.out.println(" 2    Charminar Express  
14:10 ");
```

```
    acticket_price=120.0;  
    genticket_price=60.0;  
}
```

```
else if(s1.source.equals("Chennai") &&  
s1.destination.equals("Bangalore")){  
    System.out.println("Train.no -- Train.name -  
- Train.time");
```

```
System.out.println(" 1    Lalbagh Express  
9:15 ");
```

```
System.out.println(" 2    Mysore Express  
13:30 ");
```

```
    acticket_price=80.0;
```

```
        genticket_price=40.0;
    }
    else if(s1.source.equals("Chennai") &&
s1.destination.equals("Kochi")){
        System.out.println("Train.no -- Train.name -
- Train.time");
        System.out.println("  1      Trivandrum
Express   8:15 ");
        System.out.println("  2      Alleppey Express
15:30 ");

        acticket_price=150.0;
        genticket_price=80.0;
    }
    else if(s1.source.equals("Bangalore") &&
s1.destination.equals("Vijayawada")){
        System.out.println("Train.no -- Train.name -
- Train.time");
        System.out.println("  1      Howrah Express
7:15 ");
        System.out.println("  2      Tata Express
13:25 ");

        acticket_price=160.0;
        genticket_price=90.0;
    }
    else if(s1.source.equals("Bangalore") &&
s1.destination.equals("Hyderabad")){
        System.out.println("Train.no -- Train.name -
- Train.time");
```

```
        System.out.println(" 1    Wainganga Express  
9:15 ");  
        System.out.println(" 2    Duronto Express  
16:10 ");
```

```
        acticket_price=150.0;  
        genticket_price=80.0;  
    }  
    else if(s1.source.equals("Bangalore") &&  
s1.destination.equals("Chennai")){  
        System.out.println("Train.no -- Train.name -  
- Train.time");  
        System.out.println(" 1    Lalbagh Express  
11:15 ");  
        System.out.println(" 2    Mysore Express  
14:30 ");
```

```
        acticket_price=110.0;  
        genticket_price=60.0;  
    }  
    else if(s1.source.equals("Bangalore") &&  
s1.destination.equals("Kochi")){  
        System.out.println("Train.no -- Train.name -  
- Train.time");  
        System.out.println(" 1    Kochuveli Express  
9:45 ");  
        System.out.println(" 2    Ernakulam Express  
16:40 ");
```

```
        acticket_price=180.0;
```

```
        genticket_price=100.0;
    }
    else if(s1.source.equals("Kochi") &&
s1.destination.equals("Vijayawada")){
        System.out.println("Train.no -- Train.name -
- Train.time");
        System.out.println("  1      Kerala Express
7:15 ");
        System.out.println("  2      Gurudev Express
13:25 ");

        acticket_price=180.0;
        genticket_price=90.0;
    }
    else if(s1.source.equals("Kochi") &&
s1.destination.equals("Hyderabad")){
        System.out.println("Train.no -- Train.name -
- Train.time");
        System.out.println("  1      Ernakulam Express
9:15 ");
        System.out.println("  2      Sabari Express
16:10 ");

        acticket_price=170.0;
        genticket_price=85.0;
    }
    else if(s1.source.equals("Kochi") &&
s1.destination.equals("Chennai")){
        System.out.println("Train.no -- Train.name -
- Train.time");
```

```

        System.out.println(" 1    Trivandrum
Express    11:15 ");
        System.out.println(" 2    Alleppey Express
14:30 ");

        acticket_price=110.0;
        genticket_price=55.0;
    }
    else if(s1.source.equals("Kochi") &&
s1.destination.equals("Bangalore")){
        System.out.println("Train.no -- Train.name -
- Train.time");
        System.out.println(" 1    Kochuveli Express
12:35 ");
        System.out.println(" 2    Ernakulam Express
17:10 ");

        acticket_price=140.0;
        genticket_price=70.0;
    }
    else{
        System.out.println("Enter Correct Source and
Destination");
        System.exit(1);
    }
    System.out.println("Select Train Number : ");
    s1.train_no=Integer.parseInt(sc.nextLine());
    if(s1.source.equals("Vijayawada") &&
s1.destination.equals("Hyderabad")){
        if(s1.train_no==1){

```

```
        s1.train_name="Godavari Express";
        s1.train_time="11:15";
    }
    else{
        s1.train_name="Falaknuma Express";
        s1.train_time="13:25 ";
    }
}
else if(s1.source.equals("Vijayawada") &&
s1.destination.equals("Chennai")){
    if(s1.train_no==1){
        s1.train_name="Pinakini Express";
        s1.train_time="10:15 ";
    }
    else{
        s1.train_name="Coromandal Express";
        s1.train_time="12:10";
    }
}
else if(s1.source.equals("Vijayawada") &&
s1.destination.equals("Bangalore")){
    if(s1.train_no==1){
        s1.train_name="Howrah Express";
        s1.train_time="9:15 ";
    }
    else{
        s1.train_name="Tata Express";
        s1.train_time="14:30";
    }
}
```



```
    else if(s1.source.equals("Vijayawada") &&
s1.destination.equals("Kochi")){
        if(s1.train_no==1){
            s1.train_name="Kerala Express";
            s1.train_time="10:15 ";
        }
        else{
            s1.train_name="Gurudev Express";
            s1.train_time="14:30";
        }
    }
    else if(s1.source.equals("Hyderabad") &&
s1.destination.equals("Vijayawada")){
        if(s1.train_no==1){
            s1.train_name="Godavari Express";
            s1.train_time="9:15 ";
        }
        else{
            s1.train_name="Gurudev Express";
            s1.train_time="15:25";
        }
    }
    else if(s1.source.equals("Hyderabad") &&
s1.destination.equals("Bangalore")){
        if(s1.train_no==1){
            s1.train_name=" Duroto Express";
            s1.train_time="9:15 ";
        }
        else{
            s1.train_name=" Wainganga Express";
```

```
        s1.train_time="13:30";
    }
}
else if(s1.source.equals("Hyderabad") &&
s1.destination.equals("Kochi")){
    if(s1.train_no==1){
        s1.train_name=" Ernakulam Express";
        s1.train_time="8:15 ";
    }
    else{
        s1.train_name=" Sabari Express";
        s1.train_time="15:30";
    }
}
else if(s1.source.equals("Hyderabad") &&
s1.destination.equals("Chennai")){
    if(s1.train_no==1){
        s1.train_name="Charminar Express";
        s1.train_time="11:15 ";
    }
    else{
        s1.train_name="Simhapuri Express";
        s1.train_time="14:10";
    }
}
else if(s1.source.equals("Chennai") &&
s1.destination.equals("Vijayawada")){
    if(s1.train_no==1){
        s1.train_name="Pinakini Express";
        s1.train_time="9:15 ";
    }
}
```

```
    }  
    else{  
        s1.train_name="Coromandal Express";  
        s1.train_time="15:25";  
    }  
}  
else if(s1.source.equals("Chennai") &&  
s1.destination.equals("Hyderabad")){  
    if(s1.train_no==1){  
        s1.train_name="Simhapuri Express";  
        s1.train_time="11:15 ";  
    }  
    else{  
        s1.train_name="Charminar Express";  
        s1.train_time="14:10";  
    }  
}  
else if(s1.source.equals("Chennai") &&  
s1.destination.equals("Bangalore")){  
    if(s1.train_no==1){  
        s1.train_name="Lalbagh Express";  
        s1.train_time="9:15 ";  
    }  
    else{  
        s1.train_name="Mysore Express";  
        s1.train_time="13:30";  
    }  
}  
else if(s1.source.equals("Chennai") &&  
s1.destination.equals("Kochi")){
```

```
    if(s1.train_no==1){
        s1.train_name="Trivandrum Express";
        s1.train_time="8:15";
    }
    else{
        s1.train_name="Alleppey Express";
        s1.train_time="15:30";
    }
}
else if(s1.source.equals("Bangalore") &&
s1.destination.equals("Vijayawada")){
    if(s1.train_no==1){
        s1.train_name="Howrah Express";
        s1.train_time="7:15 ";
    }
    else{
        s1.train_name="Tata Express";
        s1.train_time="13:25";
    }
}
else if(s1.source.equals("Bangalore") &&
s1.destination.equals("Hyderabad")){
    if(s1.train_no==1){
        s1.train_name="Wainganga Express";
        s1.train_time="9:15 ";
    }
    else{
        s1.train_name="Duronto Express";
        s1.train_time="16:10";
    }
}
```

```
    }  
    else if(s1.source.equals("Bangalore") &&  
s1.destination.equals("Chennai")){  
        if(s1.train_no==1){  
            s1.train_name="Lalbagh Express";  
            s1.train_time="11:15 ";  
        }  
        else{  
            s1.train_name="Mysore Express";  
            s1.train_time="14:30";  
        }  
    }  
    else if(s1.source.equals("Bangalore") &&  
s1.destination.equals("Kochi")){  
        if(s1.train_no==1){  
            s1.train_name="Kochuveli Express";  
            s1.train_time="9:45 ";  
        }  
        else{  
            s1.train_name="Ernakulam Express";  
            s1.train_time="16:40";  
        }  
    }  
    else if(s1.source.equals("Kochi") &&  
s1.destination.equals("Vijayawada")){  
        if(s1.train_no==1){  
            s1.train_name="Kerala Express";  
            s1.train_time="7:45 ";  
        }  
        else{
```

```
        s1.train_name="Gurudev Express";
        s1.train_time="13:25";
    }
}
else if(s1.source.equals("Kochi") &&
s1.destination.equals("Hyderabad")){
    if(s1.train_no==1){
        s1.train_name="Ernakulam Express";
        s1.train_time="9:15 ";
    }
    else{
        s1.train_name="Sabari Express";
        s1.train_time="16:10";
    }
}
else if(s1.source.equals("Kochi") &&
s1.destination.equals("Chennai")){
    if(s1.train_no==1){
        s1.train_name="Trivandrum Express";
        s1.train_time="11:15 ";
    }
    else{
        s1.train_name="Alleppey express2";
        s1.train_time="14:30";
    }
}
else if(s1.source.equals("Kochi") &&
s1.destination.equals("Bangalore")){
    if(s1.train_no==1){
        s1.train_name="Kochuveli express";
```

```

        s1.train_time="12:35 ";
    }
    else{
        s1.train_name="Ernakulam express2";
        s1.train_time="17:10";
    }
}
System.out.println("Ticket Categories\n1.Ac-1
2.Ac-2 3.Ac-3 4.Gen-1 5.Gen-2 6.Gen-3");
System.out.println("Enter Ticket Category");
int no_of_tickets=0;
double total_price=0;
seat = Integer.parseInt(sc.nextLine());
switch(seat){
    case 1:
        System.out.println("Ticket Price =
"+acticket_price);
        System.out.println("Enter the Number of
Tickets");

no_of_tickets=Integer.parseInt(sc.nextLine());
        if(no_of_tickets<=6) {
            total_price += no_of_tickets *
acticket_price;
        }
        else
        {
            System.out.println("Tickets Not
Available");
            System.exit(1);

```

```
        }  
        break;  
    case 2:  
        System.out.println("Ticket price =  
"+acticket_price);  
        System.out.println("Enter the Number of  
Tickets");  
  
        no_of_tickets=Integer.parseInt(sc.nextLine());  
        if(no_of_tickets<=6) {  
            total_price += no_of_tickets *  
acticket_price;  
        }  
        else  
        {  
            System.out.println("Tickets Not  
Available");  
            System.exit(1);  
        }  
        break;  
    case 3:  
        System.out.println("Ticket price =  
"+acticket_price);  
        System.out.println("Enter the Number of  
Tickets");  
  
        no_of_tickets=Integer.parseInt(sc.nextLine());  
        if(no_of_tickets<=6) {  
            total_price += no_of_tickets *  
acticket_price;
```



```
        }
        else
        {
            System.out.println("Tickets Not
Available");
            System.exit(1);
        }
        break;
    case 4:
        System.out.println("Ticket price =
"+genticket_price);
        System.out.println("Enter the Number of
Tickets");

        no_of_tickets=Integer.parseInt(sc.nextLine());
        if(no_of_tickets<=6) {
            total_price += no_of_tickets *
genticket_price;
        }
        else
        {
            System.out.println("Tickets Not
Available");
            System.exit(1);
        }
        break;
    case 5:
        System.out.println("Ticket price =
"+genticket_price);
```

```
System.out.println("Enter the Number of  
Tickets");
```

```
no_of_tickets=Integer.parseInt(sc.nextLine());
```

```
    if(no_of_tickets<=6) {  
        total_price += no_of_tickets *  
genticket_price;  
    }  
    else  
    {  
        System.out.println("Tickets Not  
Available");  
        System.exit(1);  
    }  
    break;
```

```
case 6:
```

```
    System.out.println("Ticket price =  
"+genticket_price);  
    System.out.println("Enter the Number of  
Tickets");
```

```
no_of_tickets=Integer.parseInt(sc.nextLine());
```

```
    if(no_of_tickets<=6) {  
        total_price += no_of_tickets *  
genticket_price;  
    }  
    else  
    {  
        System.out.println("Tickets Not  
Available");
```

```
        System.exit(1);
    }
    break;
default:
    System.out.println("Select The Correct
Seat");
}
System.out.println("Your Ticket is Booked");
System.out.println("Go to checkbox and see your
ticket details");
```

```
s1.a=new JLabel(" Name : "+s1.name+ " ; ");
s1.a.setBounds(150,150,150,150);
s1.jf.add(s1.a);
s1.jf.setLayout(new FlowLayout());
s1.jf.setVisible(true);
```

```
s1.b=new JLabel("\n Gender : "+s1.gender+ " ;
");
s1.b.setBounds(150,150,150,150);
s1.jf.add(s1.b);
s1.jf.setLayout(new FlowLayout());
s1.jf.setVisible(true);
```

```
s1.c=new JLabel("\n Phone Number :
"+s1.ph_no+ " ; ");
s1.c.setBounds(150,150,150,150);
s1.jf.add(s1.c);
```

```
s1.jf.setLayout(new FlowLayout());
s1.jf.setVisible(true);

s1.d=new JLabel("\n Source : "+s1.source+ " ;
");
s1.d.setBounds(150,150,150,150);
s1.jf.add(s1.d);
s1.jf.setLayout(new FlowLayout());
s1.jf.setVisible(true);

s1.e=new JLabel("\n Destination :
"+s1.destination+ " ; ");
s1.e.setBounds(150,150,150,150);
s1.jf.add(s1.e);
s1.jf.setLayout(new FlowLayout());
s1.jf.setVisible(true);

s1.f=new JLabel("\n Train Number :
"+s1.train_no+ " ; ");
s1.f.setBounds(150,150,150,150);
s1.jf.add(s1.f);
s1.jf.setLayout(new FlowLayout());
s1.jf.setVisible(true);

s1.g=new JLabel("\n Train Name :
"+s1.train_name+ " ; ");
s1.g.setBounds(150,150,150,150);
s1.jf.add(s1.g);
s1.jf.setLayout(new FlowLayout());
```

```
s1.jf.setVisible(true);
```

```
    s1.h=new JLabel("\n Train Time :  
"+s1.train_time+ " ; ");  
    s1.h.setBounds(150,150,150,150);  
    s1.jf.add(s1.h);  
    s1.jf.setLayout(new FlowLayout());  
    s1.jf.setVisible(true);
```

```
    s1.i=new JLabel("\n Number of Tickets :  
"+no_of_tickets+ " ; ");  
    s1.i.setBounds(150,150,150,150);  
    s1.jf.add(s1.i);  
    s1.jf.setLayout(new FlowLayout());  
    s1.jf.setVisible(true);
```

```
    s1.j=new JLabel("\n Total Amount :  
"+total_price+ " ; ");  
    s1.j.setBounds(150,150,150,150);  
    s1.jf.add(s1.j);  
    s1.jf.setLayout(new FlowLayout());  
    s1.jf.setVisible(true);  
    s1.jf.setSize(400,400);
```

```
s1.jf.setDefaultCloseOperation(JFrame.EXIT_ON_CL  
OSE);  
    }  
}
```

## Project Output :

```
C:\Users\Home\.jdk\openjdk-15.0.2\bin\java.exe "-javaage
Enter the user details [Name, Gender, Phone Number] :
Suresh
Male
7204673552
Source      -----      Destination
Vijayawada      Vijayawada
Hyderabad      Hyderabad
Chennai      to      Chennai
Bangalore      Bangalore
Kochi      Kochi
Enter Source :
Kochi
Enter Destination :
Chennai
Train.no  --  Train.name  --  Train.time
1      Trivandrum Express      11:15
2      Alleppey Express      14:30
Select Train Number :
2
Ticket Categories
1.Ac-1  2.Ac-2  3.Ac-3  4.Gen-1  5.Gen-2  6.Gen-3
Enter Ticket Category
3
1.Ac-1  2.Ac-2  3.Ac-3  4.Gen-1  5.Gen-2  6.Gen-3
Enter Ticket Category
3
Ticket price = 110.0
Enter the Number of Tickets
5
Your Ticket is Booked
Go to checkbox and see your ticket details
```



Ticket deta...



**Name : Suresh ;**  
**Gender : Male ;**  
**Phone Number : 7204673552 ;**  
**Source : Kochi ;**  
**Destination : Chennai ;**  
**Train Number : 2 ;**  
**Train Name : Alleppey express2 ;**  
**Train Time : 14:30 ;**  
**Number of Tickets : 5 ;**  
**Total Amount : 550.0 ;**