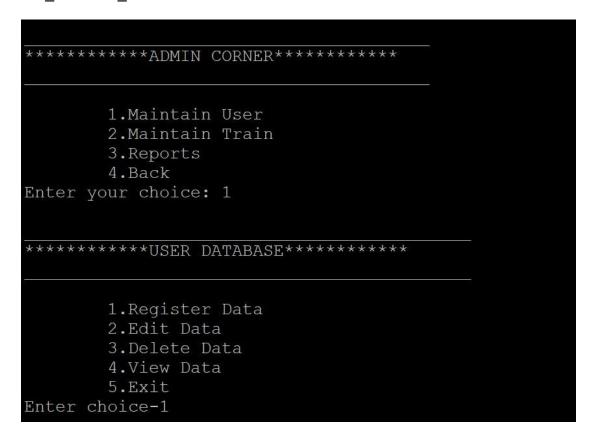
SUNNY AND RAINY TEST CASE REPORTS

SUNNY TEST CASE

LTT_01: Admin_corner

```
gg cg87-user29@instance-1: ~
cg87-user29@instance-1:~$ make
gcc -c train main.c
gcc -c train func.c
gcc -o train train main.o train func.o
cg87-user29@instance-1:~$ ./train
NO FILE EXIST
NO FILE EXIST
*******WELCOME TO LOCAL TRAIN TICKETING*******
        1.Admin Corner
        2.User Corner
        3.Exit
Enter your choice: 1
Enter password: abcd
Wrong password, please try again!
Enter password: abc
Correct password
```

LTT_02: User_maintain



LTT_03: Register_data

```
general cg87-user29@instance-1: ~
Enter aadhar no:
1234567
INVALID LENGTH
Length should be of 6 digits
Enter aadhar no:
123456
Enter user name: A m
Name should have more than 5 characters
Enter user name: A mnopq
Name should contain only characters
Enter user name: Bhuvana
Enter your password: Bhuvana@123
Your password should be in the range of 5 to 10
Enter your password: Bhu@1
Your password should be in the range of 5 to 10
Enter your password: Bhu@12
Password should contain only characters
Enter your password: bhuvana
Enter your phone number: 123456789
Phone number should contain only 10 digits
```

Enter your phone number: 1234567890



Enter your gender(Female/Male/Pns): Pns

Your gender is Pns

Enter the amount to deposit: 300

SORRY! we cannot proceed with your registration

Minimum deposit should be 500

Enter the amount to deposit: 500

REGISTRATION SUCCESSFUL

1.Register Data

2.Edit Data
3.Delete Data
4.View Data

5.Exit Enter choice-4							
AADHAR_NO	USER_NAME	PASSWORD	PHONE_NUMBER	GENDER	DEPOSIT		
123456	Bhuvana	bhuvana	1234567890	Pns	500		
456123	Swarna	swarna	7891230456	Pns	1000		
456789	Reshma	reshma	7894561230	Male	600		
789012	Charitha	charitha	4561230987	Female	9000		

```
***********TRAIN DATABASE********
       1.Register Data
       2.Edit Data
       3.Make Journey
       4.Max booking report
       5.Back
Enter choice-2
Enter your aadhar number for editing: 450612
Aadhar number 450612 not found
1.Register Data
       2.Edit Data
       3.Make Journey
       4.Max booking report
       5.Back
Enter choice-2
Enter your aadhar number for editing: 456123
Old user name is Swarna
Password is swarna
Phone number is 7891230456
Gender is Pns
Deposit money is 1000
Enter user name: Swarna
Enter your password: 123
Your password should be in the range of 5 to 10
Enter your password: swarna
```

Enter your phone number: 45678

Phone number should contain only 10 digits

Enter your phone number: 7894521360

Enter your gender(Female/Male/Pns): F

Invalid Gender

Enter your gender (Female/Male/Pns): Female

Your gender is Female

Enter the amount to deposit: 200

SORRY! we cannot proceed with your edit

Minimum deposit should be 500

Enter the amount to deposit: 1000

1.Register Data

2.Edit Data

3.Delete Data

4.View Data

5.Exit

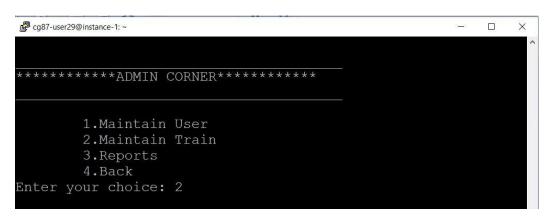
Enter choice-4

AADHAR_NO	USER_NAME	PASSWORD	PHONE_NUMBER	GENDER	DEPOSIT
123456	Bhuvana	bhuvana	1234567890	Pns	500
456123	Swarna	swarna	7894521360	Female	1000
456789	Reshma	reshma	7894561230	Male	600

```
********************************
        1.Register Data
        2.Edit Data
       3.Delete Data
        4. View Data
        5.Exit
Enter choice-3
Enter your aadhar number for deletion: 456231
Aadhar number 456231 not found for deletion
**********************************
        1.Register Data
        2.Edit Data
       3.Delete Data
        4. View Data
        5.Exit
Enter choice-3
Enter your aadhar number for deletion: 456789
```

LTT_06: View_data

LTT_07: Train_data



LTT_08: Register_data1

```
***********TRAIN DATABASE*******
       1.Add Data
       2.Edit Data
       3.Delete Data
       5.Exit
Enter choice-1
Enter train number: 1
Enter train name: 321
Train name should contain only characters
Enter train name: a
Enter source name: d1
Source name should contain only characters
Enter source name: bg
Enter destination name: k&
Destination name should contains only characters
Enter destination name: hy
Enter the distance between source and destination: 50
Distance should be in the range of 10 km to 25 km
Enter the distance between source and destination: 12
```

Enter the capacity of the train: 600 Capacity should be in the range of 100 to 500 Enter the capacity of the train: 200 Enter the fare: 4 Fare should be in the range of 5 to 20 Enter the fare: 6 Total seats booked 0 1.Add Data 2.Edit Data 3.Delete Data 4. View Data 5.Exit Enter choice-1 Enter train number: 2 Enter train name: b Enter source name: ch Enter destination name: kk Enter the distance between source and destination: 20 Enter the capacity of the train: 300

Enter the fare: 10

Total seats booked 0

1.Add Data

2.Edit Data

3.Delete Data

4. View Data

5.Exit

Enter choice-1

1.Add Data 2.Edit Data 3.Delete Data

5.Exit Enter choice-4

TRAIN_NO	TRAIN_NAME	SOURCE	DESTINATION	DISTANCE	CAPACITY	FARE T	OTAL_BOOKINGS
1		bg	hy	12.000000km	200.000000	6.000000per_k	cm 0
2	b	ch	kk	20.000000km	300.000000	10.000000per_	km 0
3		bg	ad	25.000000km	350.000000	12.000000per_	km 0
4	d	bg	ad	25.000000km	500.000000	16.000000per_	km 0
5		cm	kl	23.000000km	400.000000	8.000000per_k	cm 0

LTT_09: Edit_data1

```
₽ cg87-user29@instance-1: ~
```

```
***********TRAIN DATABASE*******
        1.Add Data
        2.Edit Data
        3.Delete Data
        4. View Data
        5.Exit
Enter choice-2
Enter train number for editing: 6
Train number 6 not found
***********TRAIN DATABASE*******
        1.Add Data
        2. Edit Data
        3. Delete Data
        4. View Data
        5.Exit
Enter choice-2
Enter train number for editing: 2
Old train name is b
Source name is ch
Destination name is kk
Distance is 20.000000km
Capacity is 300.000000
Fare is 10.000000per km
```

Enter train name: B2

Train name should have only characters

Enter train name: B

Enter source name: kanyakumari

Source name should be less than 10 characters

Enter source name: kk

Enter destination name: chithambaram

Destination name should be less than 10 characters

Enter destination name: ch

Enter the distance between source and destination: 30

Distance in the range of 10 km to 25 km

Enter the distance between source and destination: 12

Enter the capacity of the train: 550

Capacity should be in the range of 100 to 500

Enter the capacity of the train: 450

Enter the fare: 26

Fare should be in the range of 5 to 20

Enter the fare: 15

🧬 cg87-user29@instance-1: ~

- 1.Add Data
 2.Edit Data
 3.Delete Data
 4.View Data
 5.Exit
 Enter choice-4

TRAIN_NO	TRAIN_NAME	SOURCE	DESTINATION	DISTANCE	CAPACITY	FARE	TOTAL_BOOKINGS
1		bg	hy	12.000000km	200.000000	6.000000per_	km 0
2	В	kk	ch	12.000000km	450.000000	15.000000per	_km 0
3		bg	ad	25.000000km	350.000000	12.000000per	_km 0
4	d	bg	ad	25.000000km	500.000000	16.000000per	_km 0
5		cm	kl	23.000000km	400.000000	8.000000per_	km 0

LTT_10: Delete_data1

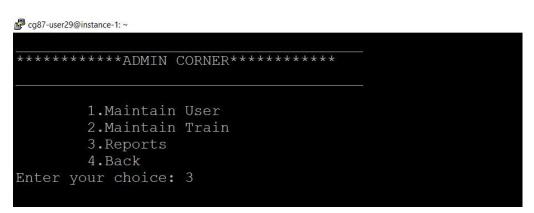
```
cg87-user29@instance-1: ~
```

```
1.Add Data
      2.Edit Data
      3.Delete Data
      4. View Data
      5.Exit
Enter choice-3
Enter train number for deleting: 6
Train number 6 not found for deletion
1.Add Data
      2. Edit Data
      3.Delete Data
      4. View Data
      5.Exit
Enter choice-3
Enter train number for deleting: 5
```

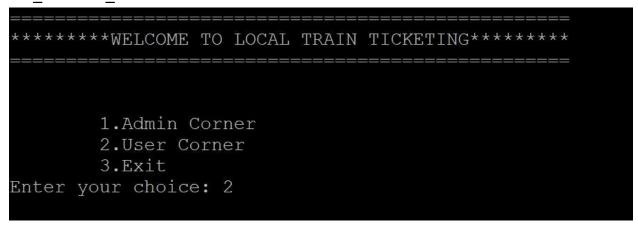
LTT_11: View_data1

🧬 cg87-user29@instar	nce-1: ~								
*********TRAIN DATABASE*******									
1.Add Data 2.Edit Data 3.Delete Data 4.View Data 5.Exit Enter choice-4									
TRAIN_NO	TRAIN_NAME	SOURCE	DESTINATION	DISTANCE	CAPACITY	FARE	TOTAL_BOOKINGS		
1		bg	hy	12.000000km	200.000000	6.000000per	_km 0		
2	В	kk	ch	12.000000km	450.000000	15.000000pe	r_km 0		
3		bg	ad	25.000000km	350.000000	12.000000pe	r_km 0		
4	d	bg	ad	25.000000km	500.000000	16.000000pe	r_km 0		

LTT_12: User_reports



LTT_15: User_corner



LTT_16: Make_journey

Choose your ticket

1.Daily ticket

2.Monthly ticket

3.Exit

Enter your choice: 1

Welcome to Daily ticket booking Your ticket rate details are here

Train fare is 12.000000per_km
Your fare per km for this train is 300.000000

Now your balance is 200

1.Print Ticket

2.Exit

Enter your choice: 1

HAPPY JOURNEY

YOUR TRAIN TICKET IS HERE Aadhar number 123456 User name Bhuvna

Train number 3
Train name c
Source bg
Destination ad
Distance 25.000000km

- 1.Register Data
- 2.Edit Data
- 3.Make Journey
- 4.Max booking report
- 5.Back

Enter choice-3

Enter your aadhar number: 123456

Enter your password: bhuvana

Your login is successful!!! Continue booking

Enter source name: bg

Enter destination name: ad

₽ cg87-user29@instance-1: ~

TRAIN_NO	TRAIN_NAME	SOURCE	DESTINATION	DISTANCE	CAPACITY	FARE			
3	С	bg	ad	25.000000km	350.000000	12.000000per_km			
4	d	bg	ad	25.000000km	500.000000	16.000000per_km			
Select tra	ain number: 3								
Your train number is 3 Your train name is c Choose your ticket 1.Daily ticket 2.Monthly ticket 3.Exit Enter your choice: 1									
	Welcome to Daily ticket booking Your ticket rate details are here								
	Train fare is 12.000000per_km Your fare per km for this train is 300.000000								
Your depos	Now your balance is 50 Your deposit is less than 100rupees 1.Re-deposit 2.Exit								

RAINY TEST CASE

LTT_13: Max_book_report

```
**************

1.Max_booking report
2.Minimum balance report
3.Back
Enter choice-1

Train number 3
Train name c
Source name bg
Destination ad
Train with maximum booking 4
```

LTT_14: Min_bal_report

```
*************************************

1.Max_booking report
2.Minimum balance report
3.Back
Enter choice-2

AADHAR_NO USER_NAME PASSWORD PHONE_NUMBER GENDER DEPOSIT

123456 Bhuvana bhuvana 1234567890 Pns 50
```