

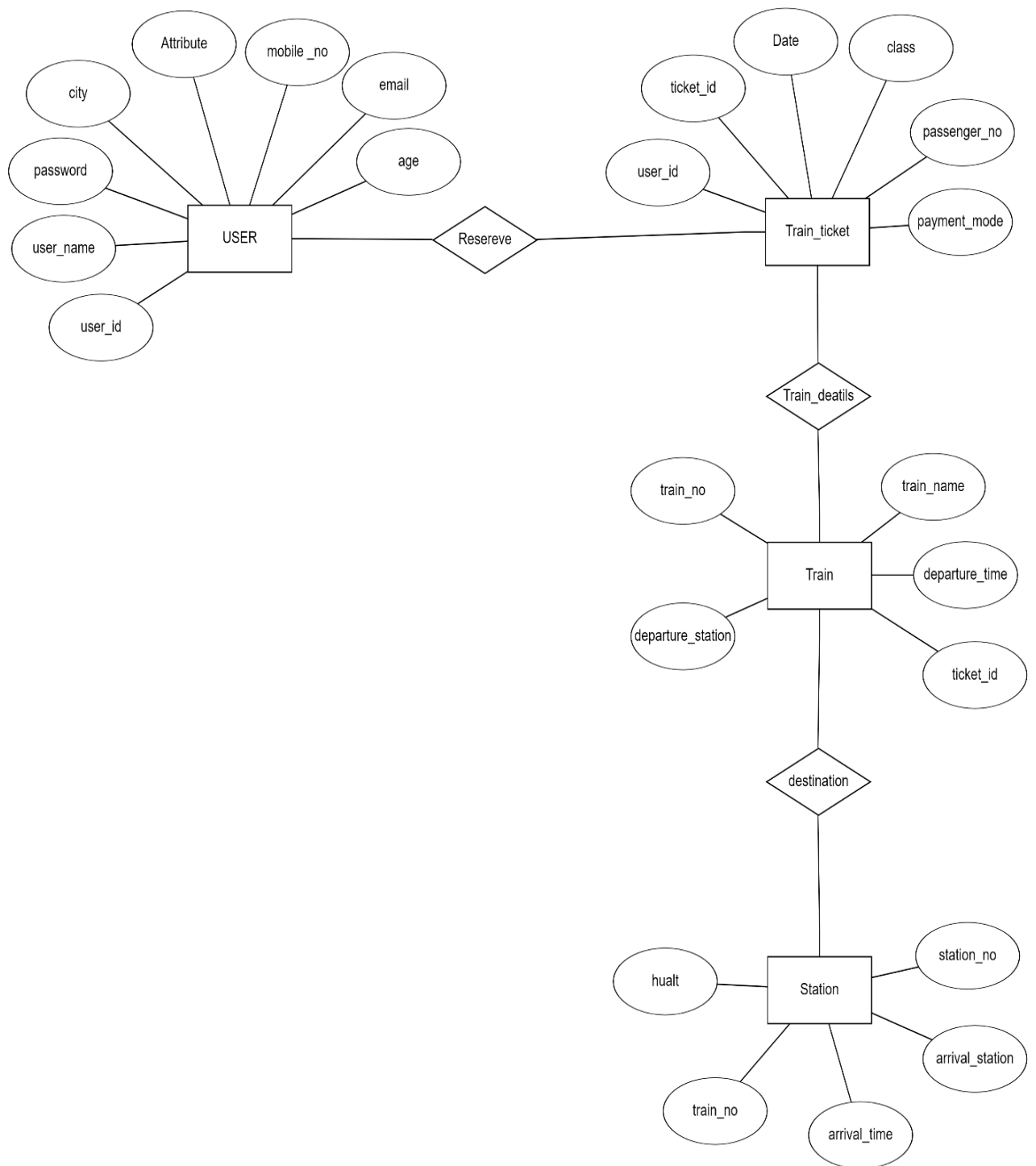
IRCTC RAILWAY RESERVATION PROCESS

INTRODUCTION

The main purpose of maintaining database for Railway Reservation System is to reduce the manual errors involved in the booking and cancelling of tickets and make it convenient for the customers and providers to maintain the data about their customers and also about the seats available at them. Due to automation many loopholes that exist in the manual maintenance of the records can be removed. The speed of obtaining and processing the data will be fast. For future expansion the proposed system can be web enabled so that clients can make various enquiries about trains between stations. Due to this, sometimes a lot of problems occur and they are facing many disputes with customers.

Database is an organized collection of data. The data is typically organized to model aspects of reality in a way that supports processes requiring information. A DBMS makes it possible for end users to create, read, update and delete data in a database. The DBMS essentially serves as an interface between the database and end users or application programs, ensuring that data is consistently organized and remains easily accessible. The DBMS manages three important things: the data, the database engine that allows data to be accessed, locked and modified and the database schema, which defines the database's logical structure. These three foundational elements help provide concurrency, security, data integrity and uniform administration procedures. The DBMS can offer both logical and physical data independence. That means it can protect users and applications from needing to know where data is stored or having to be concerned about changes to the physical structure of data.

ER DIRGAM OF PROJECT :-



1. Create table **USER** :-

Command :-

```
CREATE TABLE `user` ( `user_id` int(11) NOT NULL, `user_name` varchar(50) DEFAULT NULL, `age` int(11) DEFAULT NULL, `mobile_no` int(11) DEFAULT NULL, `email` char(50) DEFAULT NULL, `city` varchar(50) DEFAULT NULL, `password` char(50) DEFAULT NULL, PRIMARY KEY (`user_id`));
```

```
MariaDB [RAILWAY]> create table USER(user_id int primary key,user_name varchar(50),age int,mobile_no int,email char(50),city varchar(50),password char(50));
Query OK, 0 rows affected (0.014 sec)

MariaDB [RAILWAY]> desc USER;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| user_id | int(11) | NO | PRI | NULL |  |
| user_name | varchar(50) | YES |  | NULL |  |
| age | int(11) | YES |  | NULL |  |
| mobile_no | int(11) | YES |  | NULL |  |
| email | char(50) | YES |  | NULL |  |
| city | varchar(50) | YES |  | NULL |  |
| password | char(50) | YES |  | NULL |  |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.005 sec)
```

2. Create table **TRAIN TICKET** :-

Command :-

```
CREATE TABLE `user` ( `user_id` int(11) NOT NULL, `user_name` varchar(50) DEFAULT NULL, `age` int(11) DEFAULT NULL, `mobile_no` int(11) DEFAULT NULL, `email` char(50) DEFAULT NULL, `city` varchar(50) DEFAULT NULL, `password` char(50) DEFAULT NULL, PRIMARY KEY (`user_id`));
```

```
MariaDB [railway]> create table TRAIN_TICKET(ticket_id int primary key,date date,passenger_no int,payment_mode varchar(50),user_id int,constraint abc09 foreign key pq09(user_id) references USER(user_id));
Query OK, 0 rows affected (0.019 sec)

MariaDB [railway]> desc TRAIN_TICKET;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| ticket_id | int(11) | NO | PRI | NULL |  |
| date | date | YES |  | NULL |  |
| passenger_no | int(11) | YES |  | NULL |  |
| payment_mode | varchar(50) | YES |  | NULL |  |
| user_id | int(11) | YES | MUL | NULL |  |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.006 sec)
```

3. Create table **TRAIN** :-

Command :-

```
CREATE TABLE `train` ( `train_no` int(11) NOT NULL, `train_name` varchar(50) DEFAULT NULL, `departure_time` time DEFAULT NULL, `start_station` varchar(50) DEFAULT NULL, `ticket_id` int(11) DEFAULT NULL, PRIMARY KEY (`train_no`), KEY `ad03` (`ticket_id`), CONSTRAINT `ad03` FOREIGN KEY (`ticket_id`) REFERENCES `train_ticket` (`ticket_id`));
```

```
MariaDB [railway]> create table TRAIN(train_no int primary key,train_name varchar(50),departure_time time,start_station varchar(50),ticket_id int,constraint ad03 foreign key ki08(ticket_id) references TRAIN_TICKET(ticket_id));
Query OK, 0 rows affected (0.012 sec)

MariaDB [railway]> desc train;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| train_no | int(11) | NO | PRI | NULL |  |
| train_name | varchar(50) | YES |  | NULL |  |
| departure_time | time | YES |  | NULL |  |
| start_station | varchar(50) | YES |  | NULL |  |
| ticket_id | int(11) | YES | MUL | NULL |  |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.005 sec)

MariaDB [railway]>
```

4. Create table **STATION** :-

Command :-

```
CREATE TABLE `station`(`platform_no` int(11) DEFAULT NULL,`arrival_station` varchar(50) DEFAULT NULL,`arrival_time` time DEFAULT NULL,`hualt` int(11) DEFAULT NULL,`train_no` int(11) DEFAULT NULL, KEY `ty004` (`train_no`), CONSTRAINT `ty004` FOREIGN KEY (`train_no`) REFERENCES `train` (`train_no`));
```

```
MariaDB [railway]> create table STATION(platform_no int,arrival_station varchar(50),arrival_time time,hualt int,train_no int,constraint ty004 foreign key ki009(train_no) references TRAIN(train_no));
Query OK, 0 rows affected (0.010 sec)

MariaDB [railway]> desc train;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| train_no | int(11) | NO | PRI | NULL | |
| train_name | varchar(50) | YES | | NULL | |
| departure_time | time | YES | | NULL | |
| start_station | varchar(50) | YES | | NULL | |
| ticket_id | int(11) | YES | MUL | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.005 sec)

MariaDB [railway]>
```

5. Select * from **USERS** :-

```
MariaDB [railway]> select * from user;
+-----+-----+-----+-----+-----+-----+
| user_id | user_name | age | mobile_no | email | city | password |
+-----+-----+-----+-----+-----+-----+
| 1101 | vijay_sharma | 42 | 2147483647 | vijay@gmail.com | kalyan | 1234@1 |
| 1102 | satish_pradhan | 23 | 2147483647 | satish@gmail.com | kalyan | 3234@8 |
| 1103 | mohit_chouhan | 27 | 2147483647 | mohit@gmail.com | thane | 3364@3 |
| 1104 | pratham_gaikwad | 32 | 2147483647 | pratham@gmail.com | mumbai | 3234@1 |
| 1105 | nitin_jagtap | 28 | 2147483647 | nitin@gmail.com | dombivli | 3334@1 |
| 1106 | jatin_raj | 32 | 2147483647 | mayun@gmail.com | airoli | 3234@7 |
| 1107 | on_patil | 42 | 2147483647 | on@gmail.com | panvel | 3335@0 |
| 1108 | kartik_aryan | 52 | 2147483647 | kartik@gmail.ckartik | mumbai | 8335@0 |
| 1109 | amit_trivedi | 48 | 2147483647 | amit@gmail.com | amit_trivedi | 2335@2 |
| 1110 | manish_pal | 42 | 2147483647 | manish@gmail.com | thane | 1335@1 |
| 1111 | tapan_sharma | 49 | 2147483647 | tapan@gmail.com | mumbai | 9355@0 |
| 1112 | ruh_jadhav | 22 | 2147483647 | mrunal@gmail.com | thane | 9335@0 |
| 1113 | rohit_kamble | 32 | 2147483647 | rohit@gmail.com | thane | 3338@0 |
| 1114 | harish_jagtap | 41 | 2147483647 | harish@gmail.com | mumbai | 3885@0 |
| 1115 | nayan_dutta | 52 | 209806083 | nayan@gmail.com | kolkata | 0335@10 |
| 1116 | jayesh_kumar | 32 | 2147483647 | jayesh@gmail.com | mumbai | 3335@0 |
| 1117 | komal_pawar | 44 | 2147483647 | komal@gmail.com | panvel | 7735@0 |
| 1118 | snehal_kamat | 33 | 2147483647 | sehal@gmail.com | thane | 8835@0 |
| 1119 | yogesh | 62 | 2147483647 | yogesh@gmail.com | panvel | 5335@5 |
| 1120 | kajal_gupta | 22 | 2147483647 | kajal@gmail.com | dadar | 3835@0 |
| 1121 | sunil_jadhav | 42 | 2147483647 | sunil@gmail.com | panvel | 1335@1 |
| 1122 | tejas_lokhande | 38 | 2147483647 | tejas@gmail.com | kasara | 3675@7 |
| 1123 | mahesh_rajpoot | 42 | 2147483647 | mahesh@gmail.com | thane | 5555@5 |
| 1124 | isha_khan | 22 | 2147483647 | isha@gmail.com | panvel | 3311@11 |
| 1125 | pravin_sawant | 52 | 2147483647 | pravin@gmail.com | mumbai | 7335@0 |
+-----+-----+-----+-----+-----+-----+
25 rows in set (0.003 sec)
```

6. Select * from TRAIN_TICKET :-

```
0230617',28,'debit_card',1120),(121,'20231107',29,'credit_card',1121),(122,'20231206',70,'UPI',1122),(123,'20231108',30,'credit_card',1123),(124,'20230822',90,'UPI',1124),(
125,'20230306',39,'UPI',1125);
Query OK, 14 rows affected (0.003 sec)
Records: 14 Duplicates: 0 Warnings: 0

MariaDB [railway]> select * from TRAIN_TICKET;
+-----+-----+-----+-----+-----+
| ticket_id | date       | passenger_no | payment_mode | user_id |
+-----+-----+-----+-----+-----+
| 101       | 2023-06-26 | 50           | UPI          | 1101    |
| 102       | 2023-03-22 | 48           | credit_card  | 1102    |
| 103       | 2023-05-15 | 60           | credit_card  | 1103    |
| 104       | 2023-06-13 | 20           | debit_card   | 1104    |
| 105       | 2023-04-05 | 18           | UPI          | 1105    |
| 106       | 2023-04-23 | 30           | credit_card  | 1106    |
| 107       | 2023-06-08 | 30           | UPI          | 1107    |
| 108       | 2023-07-10 | 30           | debit_card   | 1108    |
| 109       | 2023-03-27 | 36           | UPI          | 1109    |
| 110       | 2023-04-21 | 38           | debit_card   | 1110    |
| 111       | 2023-06-22 | 60           | UPI          | 1111    |
| 112       | 2023-08-12 | 40           | credit_card  | 1112    |
| 113       | 2023-09-18 | 70           | debit_card   | 1113    |
| 114       | 2023-12-08 | 20           | UPI          | 1114    |
| 115       | 2023-11-09 | 90           | credit_card  | 1115    |
| 116       | 2023-09-11 | 30           | UPI          | 1116    |
| 117       | 2023-11-09 | 40           | debit_card   | 1117    |
| 118       | 2023-06-22 | 40           | credit_card  | 1118    |
| 119       | 2023-10-11 | 17           | UPI          | 1119    |
| 120       | 2023-06-17 | 28           | debit_card   | 1120    |
| 121       | 2023-11-07 | 29           | credit_card  | 1121    |
| 122       | 2023-12-06 | 70           | UPI          | 1122    |
| 123       | 2023-11-08 | 30           | credit_card  | 1123    |
| 124       | 2023-08-22 | 90           | UPI          | 1124    |
| 125       | 2023-03-06 | 39           | UPI          | 1125    |
+-----+-----+-----+-----+-----+
25 rows in set (0.000 sec)

MariaDB [railway]>
```

7. Select * from TRAIN :-

```
MariaDB [railway]> select * from train;
+-----+-----+-----+-----+-----+
| train_no | train_name | departure_time | start_station | ticket_id |
+-----+-----+-----+-----+-----+
| 4001     | rajdhani_express | 09:27:03      | mumbai       | 101       |
| 4002     | bharat_express  | 11:30:00      | mumbai       | 102       |
| 4003     | decan_queen     | 11:30:00      | pune         | 103       |
| 4004     | janshtapdi_express | 22:30:00      | gujrat       | 104       |
| 4005     | chennai_express | 11:20:00      | chennai      | 105       |
| 4006     | ajanta_express  | 21:30:00      | aurangabad   | 106       |
| 4007     | bharat_express  | 11:30:00      | mumbai       | 107       |
| 4008     | uday_express    | 11:30:00      | bangluru     | 108       |
| 4009     | yuva_express    | 24:30:00      | delhi        | 109       |
| 4010     | bharat_express  | 11:30:00      | mumbai       | 102       |
| 4011     | garib_rath      | 11:30:00      | hyderabad    | 110       |
| 4012     | maharaja_express | 12:30:00      | mumbai       | 111       |
| 4013     | hawda_express   | 11:30:00      | mumbai       | 113       |
| 4014     | janshtapdi_express | 21:30:00      | surat        | 114       |
| 4015     | rajdhani_express | 11:30:00      | kolhapur     | 115       |
| 4016     | hawda_express   | 12:30:00      | mumbai       | 116       |
| 4017     | bharat_express  | 23:30:00      | pune         | 117       |
| 4018     | garib_rath      | 11:30:00      | surat        | 118       |
| 4019     | rajdhani_express | 11:30:00      | solapur      | 119       |
| 4020     | bharat_express  | 11:30:00      | mumbai       | 120       |
| 4021     | bharat_express  | 11:30:00      | mumbai       | 121       |
| 4022     | bharat_express  | 11:30:00      | mumbai       | 122       |
| 4023     | bharat_express  | 11:30:00      | mumbai       | 123       |
| 4024     | bharat_express  | 11:30:00      | mumbai       | 124       |
| 4025     | yuva_express    | 12:30:08      | surat        | 125       |
+-----+-----+-----+-----+-----+
25 rows in set (0.000 sec)
```

8. Select * from STATION :-

```
MariaDB [railway]> select * from station;
```

platform_no	arrival_station	arrival_time	hualt	train_no
1	kolhapur	16:30:00	6	4001
3	vadodra	16:30:00	3	4002
4	mumbai	13:30:00	3	4003
4	mumbai	08:30:00	8	4004
4	mumbai	09:30:00	5	4005
5	mumbai	11:30:00	12	4006
5	nashik	09:30:00	2	4007
3	chennai	08:30:00	1	4008
1	nashik	14:30:00	1	4008
3	surat	12:30:00	6	4010
1	mumbai	12:30:00	6	4011
3	jaipur	13:30:00	3	4012
6	elahabad	16:30:00	3	4013
4	elahabad	07:30:00	3	4014
4	mumbai	11:30:00	3	4015
7	aurangabad	21:30:00	2	4016
7	mumbai	24:30:00	2	4017
5	mumbai	13:30:00	1	4018
5	mumbai	13:50:00	4	4019
5	pune	24:00:00	4	4020
5	pune	24:00:00	4	4021
5	pune	24:00:00	4	4022
5	pune	24:00:00	4	4023
5	pune	24:00:00	4	4024
6	mumbai	08:00:00	3	4025

```
25 rows in set (0.000 sec)
```

```
MariaDB [railway]>
```

SUBQUERIES

1. Show user_name from user where city is 'kalyan' :-

Command :-

```
select user_name from USER where user_id in(select user_id from USER where city='kalyan');
```

```
MariaDB [railway]> select user_name from USER where user_id in(select user_id from USER where city='kalyan');
+-----+
| user_name |
+-----+
| vijay_sharma |
| satish_pradhan |
+-----+
2 rows in set (0.012 sec)
```

2. Show train_no from train where train_name is 'bharat express' :-

Command :-

```
select * from train where train_no in(select train_no from train where train_name='bharat_express');
```

```
MariaDB [railway]> select * from train where train_no in(select train_no from train where train_name='bharat_express');
+-----+
| train_no | train_name | departure_time | start_station | ticket_id |
+-----+
| 4002 | bharat_express | 11:30:00 | mumbai | 102 |
| 4007 | bharat_express | 11:30:00 | mumbai | 107 |
| 4010 | bharat_express | 11:30:00 | mumbai | 102 |
| 4017 | bharat_express | 23:30:00 | pune | 117 |
| 4020 | bharat_express | 11:30:00 | mumbai | 120 |
| 4021 | bharat_express | 11:30:00 | mumbai | 121 |
| 4022 | bharat_express | 11:30:00 | mumbai | 122 |
| 4023 | bharat_express | 11:30:00 | mumbai | 123 |
| 4024 | bharat_express | 11:30:00 | mumbai | 124 |
+-----+
9 rows in set (0.004 sec)
```

3. Show train_name from train where platform_no is '5' :-

Command :-

```
select train_name from train where ticket_id in(select ticket_id from train where train_no in(select train_no from station where platform_no=5));
```

```
MariaDB [railway]> select train_name from train where ticket_id in(select ticket_id from train where train_no in(select train_no from station where platform_no=5));
+-----+
| train_name |
+-----+
| ajanta_express |
| bharat_express |
| garib_rath |
| rajdhani_express |
| bharat_express |
| bharat_express |
| bharat_express |
| bharat_express |
+-----+
9 rows in set (0.008 sec)
```


4. Show train_name from train where arrival_station is 'pune' :-

Command :-

select train_name from train where ticket_id in(select ticket_id from train where train_no in(select train_no from station where arrival_station='pune'));

```
5 rows in set (0.000 sec)

MariaDB [railway]> select train_name from train where ticket_id in(select ticket_id from train where train_no in(select train_no from station where arrival_station='pune'))
;
+-----+
| train_name |
+-----+
| bharat_express |
| bharat_express |
| bharat_express |
| bharat_express |
| bharat_express |
+-----+
5 rows in set (0.001 sec)

MariaDB [railway]>
```

JOINS

1. Display train_name, train_start station, departure_time and station.arrival_station, arrival_time in joins query at one table:-

Command :-

```
select train.train_name,train.start_station,train.departure_time,station.arrival_station,station.arrival_time
from train      inner      join station on station.train_no=train.train_no;
```

```
MariaDB [railway]> select train.train_name,train.start_station,train.departure_time,station.arrival_station,station.arrival_time from train      inner      join station on st
ation.train_no=train.train_no;
+-----+-----+-----+-----+-----+
| train_name | start_station | departure_time | arrival_station | arrival_time |
+-----+-----+-----+-----+-----+
| rajdhani_express | mumbai | 09:27:03 | kolhapur | 16:30:00 |
| bharat_express | mumbai | 11:30:00 | vadodra | 16:30:00 |
| decan_queen | pune | 11:30:00 | mumbai | 13:30:00 |
| janshapdi_express | gujrat | 22:30:00 | mumbai | 08:30:00 |
| chennai_express | chennai | 11:20:00 | mumbai | 09:30:00 |
| sjanta_express | aurangabad | 21:30:00 | mumbai | 11:30:00 |
| bharat_express | mumbai | 11:30:00 | nashik | 09:30:00 |
| uday_express | bangluru | 11:30:00 | chennai | 08:30:00 |
| uday_express | bangluru | 11:30:00 | nashik | 14:30:00 |
| bharat_express | mumbai | 11:30:00 | surat | 12:30:00 |
| garib_rath | hydrabad | 11:30:00 | mumbai | 12:30:00 |
| maharaja_express | mumbai | 12:30:00 | jaipur | 13:30:00 |
| hawda_express | mumbai | 11:30:00 | elahabad | 16:30:00 |
| janshapdi_express | surat | 21:30:00 | elahabad | 07:30:00 |
| rajdhani_express | kolhapur | 11:30:00 | mumbai | 11:30:00 |
| hawda_express | mumbai | 12:30:00 | aurangabad | 21:30:00 |
| bharat_express | pune | 23:30:00 | mumbai | 24:30:00 |
| garib_rath | surat | 11:30:00 | mumbai | 13:30:00 |
| rajdhani_express | solapur | 11:30:00 | mumbai | 13:50:00 |
| bharat_express | mumbai | 11:30:00 | pune | 24:00:00 |
| bharat_express | mumbai | 11:30:00 | pune | 24:00:00 |
| bharat_express | mumbai | 11:30:00 | pune | 24:00:00 |
| bharat_express | mumbai | 11:30:00 | pune | 24:00:00 |
| bharat_express | mumbai | 11:30:00 | pune | 24:00:00 |
| yuva_express | surat | 12:30:00 | mumbai | 08:00:00 |
+-----+-----+-----+-----+-----+
25 rows in set (0.001 sec)

MariaDB [railway]>
```

2. Display how many reserve passengers in train at which time with the help of joins ?

Command :-

```
select train_ticket.passenger_no,train.train_name,train.departure_time from train_ticket left join train on
train.train_no=train.train_no;
```

```
MariaDB [railway]> select train_ticket.passenger_no,train.train_name,train.departure_time from train_ticket left join train on train.train_no=train.train_no;
+-----+-----+-----+
| passenger_no | train_name | departure_time |
+-----+-----+-----+
| 50 | rajdhani_express | 09:27:03 |
| 48 | rajdhani_express | 09:27:03 |
| 60 | rajdhani_express | 09:27:03 |
| 20 | rajdhani_express | 09:27:03 |
| 18 | rajdhani_express | 09:27:03 |
| 30 | rajdhani_express | 09:27:03 |
| 30 | rajdhani_express | 09:27:03 |
| 30 | rajdhani_express | 09:27:03 |
| 36 | rajdhani_express | 09:27:03 |
| 38 | rajdhani_express | 09:27:03 |
| 60 | rajdhani_express | 09:27:03 |
| 40 | rajdhani_express | 09:27:03 |
| 70 | rajdhani_express | 09:27:03 |
| 20 | rajdhani_express | 09:27:03 |
| 90 | rajdhani_express | 09:27:03 |
| 30 | rajdhani_express | 09:27:03 |
| 40 | rajdhani_express | 09:27:03 |
| 40 | rajdhani_express | 09:27:03 |
| 17 | rajdhani_express | 09:27:03 |
| 28 | rajdhani_express | 09:27:03 |
| 29 | rajdhani_express | 09:27:03 |
| 70 | rajdhani_express | 09:27:03 |
| 30 | rajdhani_express | 09:27:03 |
| 90 | rajdhani_express | 09:27:03 |
| 39 | rajdhani_express | 09:27:03 |
| 50 | bharat_express | 11:30:00 |
| 48 | bharat_express | 11:30:00 |
| 60 | bharat_express | 11:30:00 |
| 20 | bharat_express | 11:30:00 |
| 18 | bharat_express | 11:30:00 |
| 30 | bharat_express | 11:30:00 |
| 30 | bharat_express | 11:30:00 |
| 36 | bharat_express | 11:30:00 |
| 38 | bharat_express | 11:30:00 |
| 38 | bharat_express | 11:30:00 |
+-----+-----+-----+
```

```

40 | bharat_express | 11:30:00
17 | bharat_express | 11:30:00
26 | bharat_express | 11:30:00
29 | bharat_express | 11:30:00
70 | bharat_express | 11:30:00
30 | bharat_express | 11:30:00
90 | bharat_express | 11:30:00
39 | bharat_express | 11:30:00
50 | yuva_express | 12:30:00
48 | yuva_express | 12:30:00
60 | yuva_express | 12:30:00
20 | yuva_express | 12:30:00
18 | yuva_express | 12:30:00
30 | yuva_express | 12:30:00
30 | yuva_express | 12:30:00
30 | yuva_express | 12:30:00
36 | yuva_express | 12:30:00
38 | yuva_express | 12:30:00
60 | yuva_express | 12:30:00
40 | yuva_express | 12:30:00
70 | yuva_express | 12:30:00
20 | yuva_express | 12:30:00
90 | yuva_express | 12:30:00
30 | yuva_express | 12:30:00
40 | yuva_express | 12:30:00
40 | yuva_express | 12:30:00
17 | yuva_express | 12:30:00
28 | yuva_express | 12:30:00
29 | yuva_express | 12:30:00
70 | yuva_express | 12:30:00
30 | yuva_express | 12:30:00
90 | yuva_express | 12:30:00
39 | yuva_express | 12:30:00
-----
625 rows in set (0.001 sec)

MariaDB [railway]>

```

3. Display train reservation date and arrival timings with the help of joins :-

Command :-

Select train_ticket.date,train.train_name,train.departure_time from train_ticket right join train on train.train_no=train.train_no;

```

MariaDB [railway]> select train_ticket.date,train.train_name,train.departure_time from train_ticket right join train on train.train_no=train.train_no;
+-----+-----+-----+
| date | train_name | departure_time |
+-----+-----+-----+
| 2023-06-26 | rajdhani_express | 09:27:03 |
| 2023-06-26 | bharat_express | 11:30:00 |
| 2023-06-26 | decan_queen | 11:30:00 |
| 2023-06-26 | janshtapdi_express | 22:30:00 |
| 2023-06-26 | chennai_express | 11:20:00 |
| 2023-06-26 | ajanta_express | 21:30:00 |
| 2023-06-26 | bharat_express | 11:30:00 |
| 2023-06-26 | uday_express | 11:30:00 |
| 2023-06-26 | yuva_express | 24:30:00 |
| 2023-06-26 | bharat_express | 11:30:00 |
| 2023-06-26 | garib_rath | 11:30:00 |
| 2023-06-26 | maharaja_express | 12:30:00 |
| 2023-06-26 | hawda_express | 11:30:00 |
| 2023-06-26 | janshtapdi_express | 21:30:00 |
| 2023-06-26 | rajdhani_express | 11:30:00 |
| 2023-06-26 | hawda_express | 12:30:00 |
| 2023-06-26 | bharat_express | 23:30:00 |
| 2023-06-26 | garib_rath | 11:30:00 |
| 2023-06-26 | rajdhani_express | 11:30:00 |
| 2023-06-26 | bharat_express | 11:30:00 |
| 2023-06-26 | bharat_express | 11:30:00 |
| 2023-06-26 | bharat_express | 11:30:00 |
| 2023-06-26 | bharat_express | 11:30:00 |
| 2023-06-26 | yuva_express | 12:30:00 |
| 2023-03-22 | rajdhani_express | 09:27:03 |
| 2023-03-22 | bharat_express | 11:30:00 |
| 2023-03-22 | decan_queen | 11:30:00 |
| 2023-03-22 | janshtapdi_express | 22:30:00 |
| 2023-03-22 | chennai_express | 11:20:00 |
| 2023-03-22 | ajanta_express | 21:30:00 |
| 2023-03-22 | bharat_express | 11:30:00 |
| 2023-03-22 | uday_express | 11:30:00 |
| 2023-03-22 | yuva_express | 24:30:00 |
| 2023-03-22 | bharat_express | 11:30:00 |
| 2023-08-22 | garib_rath | 11:30:00 |
| 2023-08-22 | rajdhani_express | 11:30:00 |
| 2023-08-22 | bharat_express | 11:30:00 |
| 2023-08-22 | bharat_express | 11:30:00 |
| 2023-08-22 | bharat_express | 11:30:00 |
| 2023-08-22 | bharat_express | 11:30:00 |
| 2023-08-22 | yuva_express | 12:30:00 |
| 2023-03-06 | rajdhani_express | 09:27:03 |
| 2023-03-06 | bharat_express | 11:30:00 |
| 2023-03-06 | decan_queen | 11:30:00 |
| 2023-03-06 | janshtapdi_express | 22:30:00 |
| 2023-03-06 | chennai_express | 11:20:00 |
| 2023-03-06 | ajanta_express | 21:30:00 |
| 2023-03-06 | bharat_express | 11:30:00 |
| 2023-03-06 | uday_express | 11:30:00 |
| 2023-03-06 | yuva_express | 24:30:00 |
| 2023-03-06 | bharat_express | 11:30:00 |
| 2023-03-06 | garib_rath | 11:30:00 |
| 2023-03-06 | maharaja_express | 12:30:00 |
| 2023-03-06 | hawda_express | 11:30:00 |
| 2023-03-06 | janshtapdi_express | 21:30:00 |
| 2023-03-06 | rajdhani_express | 11:30:00 |
| 2023-03-06 | hawda_express | 12:30:00 |
| 2023-03-06 | bharat_express | 23:30:00 |
| 2023-03-06 | garib_rath | 11:30:00 |
| 2023-03-06 | rajdhani_express | 11:30:00 |
| 2023-03-06 | bharat_express | 11:30:00 |
| 2023-03-06 | bharat_express | 11:30:00 |
| 2023-03-06 | bharat_express | 11:30:00 |
| 2023-03-06 | bharat_express | 11:30:00 |
| 2023-03-06 | yuva_express | 12:30:00 |
-----
625 rows in set (0.001 sec)

MariaDB [railway]>

```