

AIRLINES DATABASE MANAGEMENT SYSTEM

FINAL ROJECT FOR SQL MODULE

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1.Description:

The following database schema is designed to function as a backend storage database for a web application built to managenan AIRLINES database.

By storing information in a relational database,all the tasks related to the daily functioning of the AIRLINES can be performed easily and much more efficiently. Some of the benefits of using this system to store data over traditional are as follows:

- ☐ Updating and Modifying the database in the AIRLINES is much easier and more efficient.
- ☐ Maintaing passengers details and their information is easy and efficient.
- ☐ Calculation like due payments can be done automatically by DBMS, thus eliminating human error.
- ☐ RDBMS provide many ways to analyse available data,thus helping in making more informed decision about inventory management and other aspects of the AIRLINES Management System.

This database contains

1.Airline_details

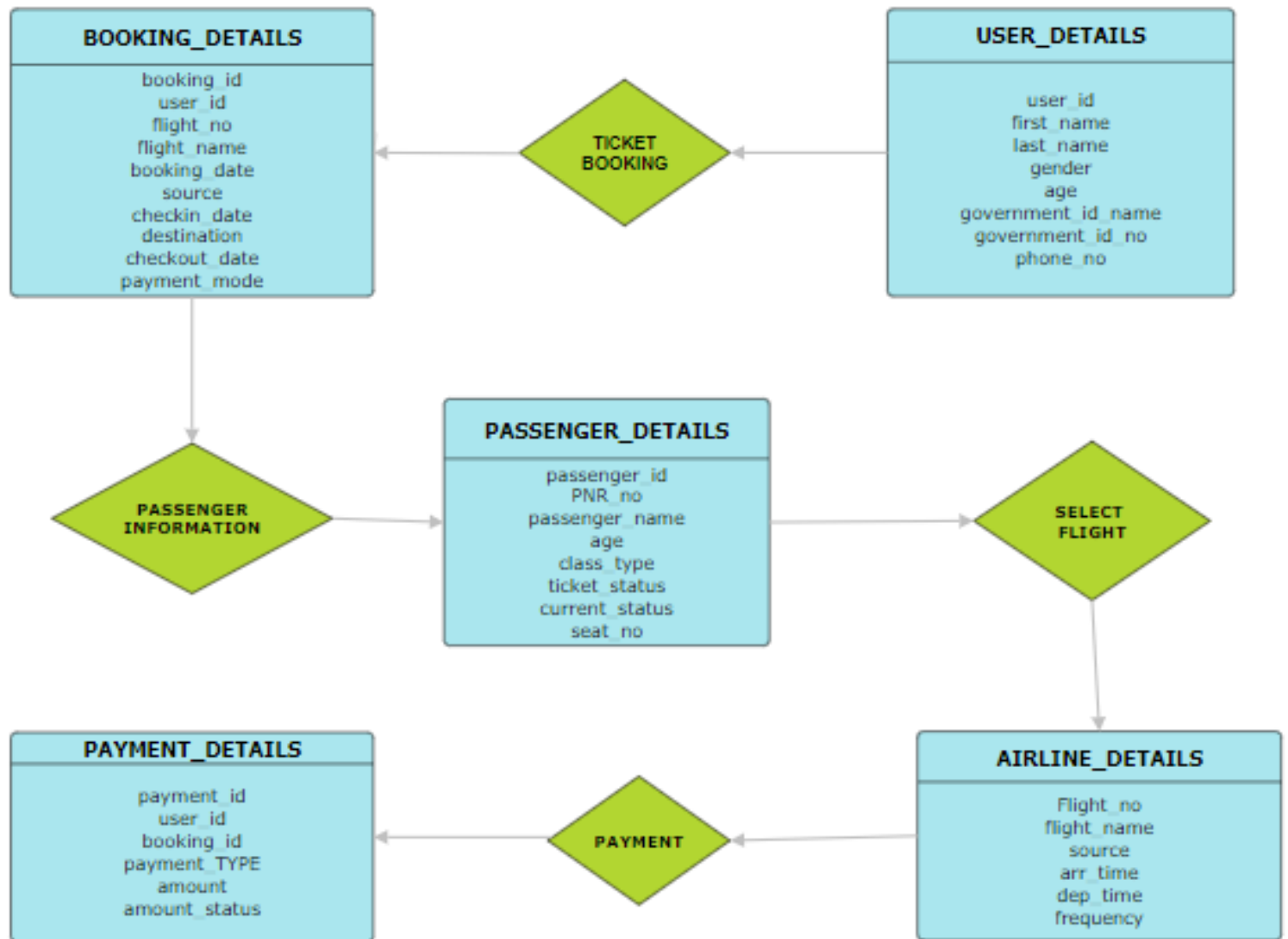
2.User_details

3.Booking_details

4.Passenger_details

5.Payment_details

By using these tables/entities which are related to each other will convet into a pictorially format.
ER diagram(ENTITY RELATIONSHIP DIAGRAM).



CREATE DATABASE:

Create database AIRLINES_PROJECT;

use AIRLINES_PROJECT;

COMMAND

- Create user details tables:**

```

create table user_details(user_id int primary key auto_increment,
first_name varchar(20),
last_name varchar(20),
gender varchar(20),
age int,

```

government_id_name varchar(30) not null,
government_id_no varchar(30) unique,
phone_no bigint);

- **Create airline details tables:**

create table airline_details(flight_no char(30),
flight_name varchar(30),
source varchar(20),
arr_time varchar(30),
dep_time varchar(30),
frequency varchar(30));

- **Create booking details table;**

create table booking_details(booking_id int primary key,
user_id int not null,
flight_no int not null,
flight_name varchar(30),
booking_date date,
source varchar(30) not null,
checkin_date date not null,
destination varchar(30) not null,
checkout_date date not null,
payment_mode varchar(30) not null);

- **Create passenger details table:**

create table passenger_details(passenger_id int not null,
booking_id int,
PNR_no bigint unique,
passenger_name varchar(30),
age int,gender varchar(20),
class_type varchar(20) not null,
ticket_status varchar(30),

current_status varchar(30),

seat_no int not null);

- **Create payment details table:**

create table payment_details(payment_id int primary key,

user_id int,

booking_id int,

payment_TYPE varchar(30),

amount double,

amount_status varchar(30));

1.Values of 'user_details' table:

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('sarita','sawant','female',40,'Adhar card','3344 5564 7743',8204222982);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('mayuri','more','female',28,'Pan card','BJPS557743',3391222982);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('rohan','huslare','male',26,'Pan card','MJG5554493',9821222982);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('shraddha','huslare','female',26,'Adhar card','9921 7743 6521',9833414782);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('seema','divte','female',30,'Adhar card','9921 7743 6521',7304222872);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('mamta','pawal','female',35,'Driving licence','GHJH77898789794',7804222872);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('lata','shedge','female',42,'Driving licence','BNJH77898789794',8804222872);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('shivaji','pawar','male',29,'Adhar Card','4421 6756 9921',8828722375);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('niranjan','sawant','male',16,'Adhar card',5471 8876 9001,6300912561);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('niranjn','sawant','male',16,'Adhar card','5471 8876 9001',6300912561);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('vedant','lokare','male',17,'Adhar card','5441 8876 9001',6380912561)
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('purva','borse','female',17,'Adhar card','5441 8876 9101',6280912561);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('mahima','suryaroa','female',17,'Adhar card','5441 8872 9101',6280922561);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('sharad','bhosale','male',37,'Pan card','RTQ5441DSQ',9280922561
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('adityaraj','butekar','male',20,'Pan card','ZTQ5441DSQ',9770922561);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('darshana','bhosale','female',20,'Pan card','NHQ5441DSQ',9720922561);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('shruti','chavan','female',20,'Pan card','NHI5441DSQ',8720922561);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('siddhesh','dudhe','male',22,'Driving license','NHI5478735879',8820922561);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('faisal','shaikh','male',29,'Driving license','AHI5458735879',9820922561);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('suraj','mandana','male',29,'Driving license','HI5458735879',980922561);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('raj','rajput','female',27,'Adhar card','3343 5545 8769',988922561);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('kalpana','rajput','female',27,'Adhar card','3943 5545 8769',788922561);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('sanjeevni','dabhada','female',40,'Adhar card','3943 5945 8769',798922561);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('narayan','divte','female',60,'Adhar card','9943 5945 8769',778922561);
```

```

MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('arayan','kumar','male',45,'Adhar card','9943 9945 8769',776922561);

MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('abhikesh','mahalan','male',28,'Adhar card','9943 3769 2278',476922561);

MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('jiya','shankar','female',30,'Adhar card','9943 3969 2278',9776922561);

MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('rashmi','gupta','female',31,'Adhar card','9943 3969 2218',9771122561);

MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('vicky','jain','male',31,'Adhar card','9943 3919 2218',9781122561);

MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('prakash','bhaleroa','male',39,'Pan card','9943 3919 2217',9781120561);

MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('sangita','kadam','female',29,'Pan card','9943AWE919 2217',9781120561);

MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('geet','salar','female',19,'Pan card','9943AWE9192',9761120561);

MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('roshan','salar','male',19,'Pan card','A943AWE9192',9861120561);

MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('ritika','patel','female',19,'Pan card','9ZWEAWE9192',9961120561);

MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('ankita','jain','female',38,'Adhar card','9943 1919 2218',9791122561);

MariaDB [AIRLINES_PROJECT]> insert into
user_details(first_name,last_name,gender,age,government_id_name,government_id_no,phone_no)
values('kirti','chaudhary','female',39,'Adhar card','9943 3919 9217',9781220561);

```

2.Values of ‘airline_details’ table:

- Delhi to Mumbai

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,flight_name,source,arr_time,dep_time,frequency)values(2773,'Air india  
express','mumbai','23:25','01:35','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,flight_name,source_destination,arrival_time,depature_time,frequency)values(  
949,'Vistara','mumbai','16:35','18:00','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,flight_name,source_destination,arrival_time,depature_time,frequency)values(  
949,'Vistara','mumbai','16:35','18:00','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,flight_name,source_destination,arrival_time,depature_time,frequency)values(  
704,'SpiceJet','mumbai','20:40','22:55','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(1120,'mumbai','Akasa Air','18:50','20:55','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(2773,'mumbai','Air india express','23:25','01:35','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(8112,'mumbai','SpiceJet','01:50','04:00','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency) values(6-  
651,'mumbai','IndiGo','22:15','00:25','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency) values(6-  
6049,'mumbai','IndiGo','20:15','22:25','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(984,'mumbai','Vistara','02:40','05:00','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency) values(816,'Air  
India','Vistara','21:00','23:10','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(859,'mumbai','Air India','01:30','03:45','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(816,'mumbai','Vistara','21:00','23:10','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(660,'mumbai','Air India','18:00','20:20','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(986,'mumbai','Vistara','22:50','01:00','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(950,'mumbai','Vistara','21:55','00:10','daily');
```

- **Mumbai to Delhi**

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(1719,'delhi','Akasa Air','08:25','10:45','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(2766,'delhi','IndiGo','03:40','05:45','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(1411,'delhi','Akasa Air','10:55','13:05','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(6814,'delhi','IndiGo','07:15','09:25','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(449,'delhi','IndiGo','05:30','07:35','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(951,'delhi','Vistara','21:55','00:10','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(449,'delhi','IndiGo','06:30','09:35','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(6328,'delhi','IndiGo','10:00','12:15','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(701,'delhi','SpiceJet','06:30','09:00','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)
```



```
values(929,'delhi','Vistara','21:20','06:05','daily');
```

- **Mumbai to Bengaluru**

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(1739,'bengaluru','Akasa Air','00:35','02:25','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(5267,'bengaluru','IndiGo','00:35','02:15','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(5367,'bengaluru','IndiGo','00:35','02:25','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(1367,'bengaluru','Akasa Air','00:25','02:20','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(1341,'bengaluru','Akasa Air','22:40','00:40','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(268,'bengaluru','SpiceJet','23:40','01:00','daily');
```

- **Mumbai to Hyderabad**

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(1642,'hyderabad','Akasa Air','17:00','18:50','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(5326,'hyderabad','IndiGo','19:05','20:20','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(192,'hyderabad','IndiGo','01:55','03:20','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(564,'hyderabad','IndiGo','04:45','06:15','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(5386,'hyderabad','IndiGo','14:45','16:05','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)
```

```
values(869,'hyderabad','Vistara','22:25','00:05','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(5056,'hyderabad','IndiGo','20:30','22:00','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(651,'hyderabad','Air India','15:00','16:30','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(619,'hyderabad','Air India','19:55','21:45','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(5097,'hyderabad','IndiGo','12:20','13:35','daily');
```

- **Mumbai to Goa**

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(657,'goa','Alliance Air','18:55','20:30','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(338,'goa','Air India Express','18:25','19:25','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(5137,'goa','IndiGo','20:20','21:25','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(1349,'goa','Akasa Air','19:30','20:50','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(513,'goa','Vistara','18:45','20:15','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(5138,'goa','IndiGo','22:00','23:10','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(235,'goa','IndiGo','04:50','06:05','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(5009,'goa','IndiGo','16:55','18:15','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(683,'goa','Air India','21:00','22:15','daily');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
airline_details(flight_no,source_destination,flight_name,dep_time,arr_time,frequency)  
values(843,'goa','Vistara','20:50','22:10','daily');
```

3.Values of 'booking_details' table:

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date_time,source,checkin_date_time,destination,checkout_date_time,payment_mode) values(101,1,2773,'Air India Express','2023-02-18','mumbai','2023-02-19','delhi','2023-02-19','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destination,checkout_date,payment_mode) values(102,3,949,'Vistara','2023-02-14','mumbai','2023-02-19','delhi','2023-02-19','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destination,checkout_date,payment_mode) values(103,2,949,'Vistara','2023-02-14','mumbai','2023-02-19','delhi','2023-02-19','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destination,checkout_date,payment_mode) values(104,4,704,'SpiceJet','2023-02-11','mumbai','2023-02-17','delhi','2023-02-17','Credit Card');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destination,checkout_date,payment_mode) values(105,5,1120,'Akasa Air','2023-02-10','mumbai','2023-02-20','delhi','2023-02-20','Credit Card');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destination,checkout_date,payment_mode) values(105,5,1120,'Akasa Air','2023-02-10','mumbai','2023-02-20','delhi','2023-02-20','Credit Card');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destination,checkout_date,payment_mode) values(106,7,2773,'Air Indian Express','2023-02-15','mumbai','2023-02-21','delhi','2023-02-21','Credit Card');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destination,checkout_date,payment_mode) values(107,6,8112,'SpiceJet','2023-02-17','mumbai','2023-02-21','delhi','2023-02-21','Phone Pay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati  
on,checkout_date,payment_mode) values(108,8,675,'Alliance','2023-02-17','mumbai','2023-02-  
25','goa','2023-02-25','Phone Pay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati  
on,checkout_date,payment_mode) values(109,9,5097,'IndiGo','2023-02-17','mumbai','2023-02-  
25','goa','2023-02-25','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati  
on,checkout_date,payment_mode) values(200,10,5326,'IndiGo','2023-03-17','mumbai','2023-03-  
23','hyderabad','2023-03-23','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati  
on,checkout_date,payment_mode) values(201,11,-645,'IndiGo','2023-02-17','mumbai','2023-02-  
21','delhi','2023-02-21','Phone Pay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati  
on,checkout_date,payment_mode) values(202,12,-6043,'IndiGo','2023-02-17','mumbai','2023-02-  
21','delhi','2023-02-21','Phone Pay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati  
on,checkout_date,payment_mode) values(203,14,984,'Vistara','2023-02-19','mumbai','2023-02-  
22','delhi','2023-02-22','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati  
on,checkout_date,payment_mode) values(204,13,816,'Vistara','2023-02-19','mumbai','2023-02-  
22','delhi','2023-02-22','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati  
on,checkout_date,payment_mode) values(205,15,859,'Air India','2023-02-27','mumbai','2023-03-  
04','delhi','2023-03-04','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati  
on,checkout_date,payment_mode) values(206,16,1719,'Akasa Air','2023-02-14','delhi','2023-02-  
19','mumbai','2023-02-19','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati  
on,checkout_date,payment_mode) values(207,17,2766,'IndiGo','2023-02-14','delhi','2023-02-  
19','mumbai','2023-02-19','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(208,18,1411,'Akasa Air','2023-02-14','delhi','2023-02-
18','mumbai','2023-02-18','Phone Pay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(209,20,6814,'Akasa Air','2024-03-14','delhi','2024-03-
18','mumbai','2024-03-18','Phone Pay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(300,19,449,'IndiGo','2024-03-14','delhi','2024-03-
18','mumbai','2024-03-18','Phone Pay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(301,21,660,'Air India','2024-03-14','mumbai','2024-03-
18','delhi','2024-03-18','Phone Pay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(302,22,986,'Vistara','2024-03-14','mumbai','2024-03-
18','delhi','2024-03-18','Phone Pay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(303,23,950,'Vistara','2024-03-14','mumbai','2024-03-
19','delhi','2024-03-19','Phone Pay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(304,24,951,'Vistara','2024-02-14','delhi','2024-02-
18','mumbai','2024-02-18','Phone Pay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(305,25,449,'IndiGo','2024-02-13','delhi','2024-02-
17','mumbai','2024-02-17','Phone Pay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(306,26,6328,'IndiGo','2024-03-13','delhi','2024-03-
17','mumbai','2024-03-17','Credit Card');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(307,27,701,'SpiceJet','2024-03-03','delhi','2024-03-
12','mumbai','2024-03-12','Credit Card');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(308,28,929,'Vistara','2024-03-03','delhi','2024-03-
12','mumbai','2024-03-12','Credit Card');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(309,29,1739,'Akasa Air','2024-03-03','mumbai','2024-03-
12','bengaluru','2024-03-12','Credit Card');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(400,30,5267,'IndiGo','2024-03-03','mumbai','2024-03-
11','bengaluru','2024-03-11','Credit Card');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(401,31,5367,'IndiGo','2024-03-09','mumbai','2024-03-
11','bengaluru','2024-03-11','Credit Card');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(402,32,1367,'Akasa Air','2024-02-20','mumbai','2024-02-
22','bengaluru','2024-02-22','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(403,33,1341,'Akasa Air','2024-02-20','mumbai','2024-02-
22','bengaluru','2024-02-22','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(404,34,268,'SpiceJet','2024-02-17','mumbai','2024-02-
21','bengaluru','2024-02-21','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(405,35,1642,'Akasa Air','2024-02-17','mumbai','2024-02-
21','hyderabad','2024-02-21','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(406,37,192,'IndiGo','2024-02-21','mumbai','2024-02-
27','hyderabad','2024-02-27','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(407,36,564,'IndiGo','2024-02-21','mumbai','2024-02-
27','hyderabad','2024-02-27','Phone Pay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(408,38,5386,'IndiGo','2024-03-21','mumbai','2024-03-
27','hyderabad','2024-03-27','Phone Pay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(409,39,869,'vistara','2024-03-21','mumbai','2024-03-
26','hyderabad','2024-03-26','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(500,40,5056,'IndiGo','2024-03-21','mumbai','2024-03-
27','hyderabad','2024-03-27','Phone Pay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(501,41,615,'Air India','2024-03-08','mumbai','2024-03-
12','hyderabad','2024-03-12','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(502,42,619,'Air India','2024-03-08','mumbai','2024-03-
12','hyderabad','2024-03-12','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(503,43,338,'Air India Express','2024-03-
08','mumbai','2024-03-12','goa','2024-03-12','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(504,44,5137,'IndiGo','2024-03-08','mumbai','2024-03-
11','goa','2024-03-11','Credit Card');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(505,45,1349,'Akasa Air','2024-02-08','mumbai','2024-02-
11','goa','2024-02-11','Credit Card');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(506,46,513,'Vistara','2024-02-08','mumbai','2024-02-
11','goa','2024-02-11','Credit Card');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destinati
on,checkout_date,payment_mode) values(507,47,5138,'IndiGo','2024-02-08','mumbai','2024-03-
11','goa','2024-03-11','Credit Card');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destination,checkout_date,payment_mode) values(508,48,235,'IndiGo','2024-02-08','mumbai','2024-03-11','goa','2024-03-11','Credit Card');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destination,checkout_date,payment_mode) values(509,49,5009,'IndiGo','2024-02-15','mumbai','2024-02-28','goa','2024-02-28','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destination,checkout_date,payment_mode) values(600,50,683,'IndiGo','2024-02-15','mumbai','2024-02-28','goa','2024-02-28','GPay');
```

```
MariaDB [AIRLINES_PROJECT]> insert into
booking_details(booking_id,user_id,flight_no,flight_name,booking_date,source,checkin_date,destination,checkout_date,payment_mode) values(601,51,843,'Vistara','2024-03-15','mumbai','2024-03-28','goa','2024-03-28','GPay');
```

4.Values of ‘passenger_details’ table:

```
MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_status,seat_no)values(1,101,01,'sarita sawant',40,'female','Economy','confirm',2);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_status,seat_no)values(2,102,02,'mayuri more',28,'female','Economy','confirm',3);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_status,seat_no)values(3,103,03,'rohan huslare',26,'male','Business','confirm',4);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_status,seat_no)values(4,104,04,'shraddha huslare',26,'female','First Class','confirm',5);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_status,seat_no)values(5,105,05,'seema divte',30,'female','Premium economy','cancelled',6);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_status,seat_no)values(6,106,06,'mamta pawal',35,'female','economy','confirm',7);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_status,seat_no)values(7,107,07,'lata shedge',42,'female','economy','confirm',1);
```



```
MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(8,108,08,'shivaji pawar',29,'male','Premium economy','confirm',8);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(9,109,09,'satish more',29,'male','First Class','cancelled',2);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(10,200,010,'om shinde',21,'male','First Class','confirm',3);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(11,201,11,'gauri shedge',24,'female','Premium economy','confirm',1);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(12,202,12,'kalyani patil',30,'female','Premium economy','confirm',2);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(13,203,13,'darshan singh',33,'male','economy','confirm',9);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(14,204,14,'prashant singh',33,'male','economy','cancelled',10);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(15,205,15,'anagha deshमुख',21,'female','economy','cancelled',11);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(16,206,16,'harshad ghambhirao',20,'male','First Class','confirm',11);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(17,207,17,'prasad yewele',25,'male','First Class','confirm',6);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(18,208,18,'prem kapoor',25,'male','First Class','confirm',7);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(19,209,19,'alia bhatt',27,'female','Premium economy','cancelled',12);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(20,300,20,'aditya kapur',21,'male','Premium economy','cancelled',5);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(21,301,21,'sakshi barne',29,'female','First Class','confirm',1);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(22,302,22,'vedika waghmare',19,'female','First Class','confirm',4);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(23,303,23,'niranjan sawant',16,'male','economy','confirm',4);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(24,304,24,'vedant lokare',17,'male','economy','confirm',5);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(25,305,25,'purva borse',17,'female','Business','cancelled',1);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(26,306,26,'mahima suryaroa',17,'female','Business','confirm',3);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(27,307,27,'sharad bhosale',37,'male','Business','confirm',2);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(28,308,28,'adityaraj bhutekar',20,'male','Premium economy','confirm',3);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(29,309,29,'darshana bhosale',20,'female','economy','confirm',6);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(30,400,30,'shruti chavan',20,'female','economy','confirm',8);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(31,401,31,'shiddhesh',22,'male','First Class','confirm',8);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(32,402,32,'faisal shaikh',29,'male','First Class','cancelled',9);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(33,403,33,'suraj mandana',29,'male','First Class','cancelled',10);
```

```
MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(34,404,34,'raj rajput',27,'male','economy','confirm',12);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(35,405,35,'kalpana rajput',27,'female','economy','confirm',13);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(36,406,36,'sanjeevni dabhada',40,'female','economy','confirm',14);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(37,407,37,'naryan divte',60,'male','economy','confirm',15);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(38,408,38,'arayan kumar',45,'male','First Class','confirm',12);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(39,409,39,'abhikesh mahalan',28,'male','First Class','confirm',13);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(40,500,40,'jiya shankar',30,'female','First Class','confirm',14);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(41,501,41,'rashmi gupta',31,'female','economy','confirm',16);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(42,502,42,'vicky jain',31,'male','economy','cancelled',17);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(43,503,43,'prakash bhaleroa',39,'male','economy','cancelled',18);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(44,504,44,'sangita kadam',29,'female','economy','confirm',19);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(45,505,45,'geet salar',19,'female','economy','confirm',20);

MariaDB [AIRLINES_PROJECT]> insert into
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_
status,seat_no)values(46,506,46,'roshan salar',19,'male','economy','confirm',21);
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_  
status,seat_no)values(47,507,47,'ritika patel',19,'female','First Class','confirm',15);
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_  
status,seat_no)values(48,508,48,'ankita jain',38,'female','First Class','confirm',16);
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,tickets  
tatus,seat_no)values(49,509,49,'kirti chaudhary',39,'female','First Class','confirm',17);
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
passenger_details(passenger_id,booking_id,PNR_no,passenger_name,age,gender,class_type,ticket_  
status,seat_no)values(50,600,50,'manisha rani',39,'female','First Class','confirm',18);
```

5.Values of 'passenger_details' table:

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1001,1,101,'online',3340,'succesful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1002,2,102,'online',3349,'succesful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1003,3,103,'online',4349,'succesful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1004,4,104,'Credit Card',4349,'succesful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1005,5,105,'Credit Card',4249,'succesful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1006,6,106,'Credit Card',4249,'succesful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1007,7,107,'online',5302,'succesful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1008,8,108,'online',5302,'succesful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1009,9,109,'online',5202,'succesful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1010,10,200,'online',5202,'succesful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1011,11,201,'online',3063,'succesful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1012,12,202,'online',3063,'succesful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1013,13,203,'online',4945,'succesful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1014,14,204,'online',4945,'refund');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1015,15,205,'online',4945,'pending');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1016,16,206,'online',4835,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1017,17,207,'online',4835,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1018,18,208,'online',3835,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1019,19,209,'online',4735,'refund');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1020,20,300,'online',4735,'refund');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1021,21,301,'online',4367,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1022,22,302,'online',3367,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1023,23,303,'online',3667,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1024,24,304,'online',5667,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1025,25,305,'online',4667,'pending'
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1026,26,306,'Credit card',4877,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1027,27,307,'Credit card',4877,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1028,28,308,'Credit card',4945,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1029,29,309,'Credit card',4945,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1030,30,400,'Credit card',3945,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1031,31,401,'Credit card',3945,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1032,32,402,'online',3936,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1032,32,402,'online',3936,'refund');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1033,33,403,'online',3936,'refund');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1034,34,404,'online',3326,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1035,35,405,'online',3326,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1036,36,406,'online',3326,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1037,37,407,'online',4200,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1038,38,408,'online',4200,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1039,39,409,'online',4260,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1040,40,500,'online',4260,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1041,41,501,'online',3457,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1042,42,502,'online',3457,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1043,43,503,'online',4457,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1044,44,504,'Credit card',4457,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1045,45,505,'Credit card',4457,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)
```

```
values(1046,46,506,'Credit card',4786,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1047,47,507,'Credit card',4786,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1048,48,508,'Credit card',4786,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1049,49,509,'online',5786,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> insert into  
payment_details(payment_id,user_id,booking_id,payment_TYPE,amount,amount_status)  
values(1050,50,600,'online',3786,'sucessful');
```

```
MariaDB [AIRLINES_PROJECT]> alter table booking_details add constraint fk foreign key(user_id)  
references user_details(user_id);
```

Query OK, 51 rows affected (0.053 sec)

Records: 51 Duplicates: 0 Warnings: 0

☐ Record of Tables:

1.Airline_details:

MariaDB [AIRLINES_PROJECT]> select * from airline_details;

flight_no	source_destination	flight_name	dep_time	arr_time	frequency
2773	mumbai	Air india express	01:35	23:25	daily
704	mumbai	SpiceJet	20:40	22:55	daily
1120	mumbai	Akasa Air	18:50	20:55	daily
2773	mumbai	Air india express	23:25	01:35	daily
8112	mumbai	SpiceJet	01:50	04:00	daily
-645	mumbai	IndiGo	22:15	00:25	daily
-6043	mumbai	IndiGo	20:15	22:25	daily
984	mumbai	Vistara	02:40	05:00	daily
859	mumbai	Air India	01:30	03:45	daily
816	mumbai	Vistara	21:00	23:10	daily
660	mumbai	Air India	18:00	20:20	daily
986	mumbai	Vistara	22:50	01:00	daily
950	mumbai	Vistara	21:55	00:10	daily
1719	delhi	Akasa Air	08:25	10:45	daily
2766	delhi	IndiGo	03:40	05:45	daily
1411	delhi	Akasa Air	10:55	13:05	daily
6814	delhi	IndiGo	07:15	09:25	daily
449	delhi	IndiGo	05:30	07:35	daily
951	delhi	Vistara	21:55	00:10	daily
449	delhi	IndiGo	06:30	09:35	daily
6328	delhi	IndiGo	10:00	12:15	daily
701	delhi	SpiceJet	06:30	09:00	daily
929	delhi	Vistara	21:20	06:05	daily
1739	bengaluru	Akasa Air	00:35	02:25	daily
5267	bengaluru	IndiGo	00:35	02:15	daily
5367	bengaluru	IndiGo	00:35	02:25	daily
1367	bengaluru	Akasa Air	00:25	02:20	daily
1341	bengaluru	Akasa Air	22:40	00:40	daily
268	bengaluru	SpiceJet	23:40	01:00	daily
1642	hyderabad	Akasa Air	17:00	18:50	daily
5326	hyderabad	IndiGo	19:05	20:20	daily
192	hyderabad	IndiGo	01:55	03:20	daily
564	hyderabad	IndiGo	04:45	06:15	daily
5386	hyderabad	IndiGo	14:45	16:05	daily
869	hyderabad	Vistara	22:25	00:05	daily
5056	hyderabad	IndiGo	20:30	22:00	daily
651	hyderabad	Air India	15:00	16:30	daily
619	hyderabad	Air India	19:55	21:45	daily
5097	hyderabad	IndiGo	12:20	13:35	daily

657	goa	Alliance Air	18:55	20:30	daily
338	goa	Air India Express	18:25	19:25	daily
5137	goa	IndiGo	20:20	21:25	daily
1349	goa	Akasa Air	19:30	20:50	daily
513	goa	Vistara	18:45	20:15	daily
5138	goa	IndiGo	22:00	23:10	daily
235	goa	IndiGo	04:50	06:05	daily
5009	goa	IndiGo	16:55	18:15	daily
683	goa	Air India	21:00	22:15	daily
843	goa	Vistara	20:50	22:10	daily
920	mumbai	Vistara	02:40	05:00	daily
9120	mumbai	Vistara	02:40	05:00	daily

2.user_details:

```
riaDB [AIRLINES_PROJECT]> select * from user_details;
```

user_id	first_name	last_name	gender	age	government_id_name	government_id_no	phone_no
1	sarita	sawant	female	40	Adhar card	3344 5564 7743	8204222982
2	mayuri	more	female	28	Pan card	BJPS557743	3391222982
3	rohan	huslare	female	26	Pan card	MJG5554493	9821304782
4	shraddha	huslare	female	26	Adhar card	9921 7743 6521	9833414782
5	seema	divte	female	30	Adhar card	9821 7743 6521	7304222872
6	mamta	pawal	female	35	Driving licence	GHJH77898789794	7804222872
7	lata	shedge	female	42	Driving licence	BNJH77223789794	8804222872
8	shivaji	pawar	male	29	Adhar card	4421 6756 9921	8828722375
9	satish	more	male	29	Adhar card	2188 6756 9921	2428722375
10	manisha	rani	female	28	Pan card	ZJPS557743	9391222982
11	om	shinde	male	21	Adhar card	2134 9845 3331	6543712298
12	gauri	shedge	female	24	Adhar card	2134 9845 3231	6543112298
13	kalayani	patil	female	30	Pan card	DRSE852D44	7543112298
14	darshan	singh	male	33	Pan card	SASE852D44	9821034441
15	prashant	singhal	male	33	Pan card	AAZX852D44	9821034441
16	anagha	deshmukh	female	21	Driving license	DGVFJ749037597	7231453188
17	harshad	ghambhirao	male	20	Driving license	DSWJ749037597	7731453188
18	prasad	yeweale	male	25	Adhar card	3322 5454 7689	7731453197
19	prem	kapoor	female	27	Adhar card	3322 6578 7689	7431453197
20	alia	bhat	female	27	Adhar card	9537 6578 7689	9231453197
21	aditya	kapur	male	21	Adhar card	9137 6578 7689	9931453197
22	sakshi	barne	male	29	Adhar card	9137 6578 7639	8931453197
23	vedika	waghmare	female	19	Pan card	FRD9137A65	8933453197
24	niranjan	sawant	male	16	Adhar card	5471 8876 9001	6300912561
25	vedant	lokare	male	17	Adhar card	5441 8876 9001	6380912561
26	purva	borse	female	17	Adhar card	5441 8876 9101	6280912561
27	mahima	suryarao	female	17	Adhar card	5441 8872 9101	6280922561
28	sharad	bhosale	male	37	Pan card	RTQ5441DSQ	9280922561
29	adityaraj	butekar	male	20	Pan card	ZTQ5441DSQ	9770922561
30	darshana	bhosale	female	20	Pan card	NHQ5441DSQ	9720922561
31	manish	pal	male	28	Pan card	ZMPS557743	9391222982
32	shruti	chavan	female	20	Pan card	NHI5441DSQ	8720922561
33	siddhesh	dudhe	male	22	Driving license	NHI5478735879	8820922561
34	faisal	shaikh	male	29	Driving license	AHI5458735879	9820922561
35	suraj	mandana	male	29	Driving license	HI5458735879	980922561
36	raj	rajput	female	27	Adhar card	3343 5545 8769	988922561
37	kalpana	rajput	female	27	Adhar card	3943 5545 8769	788922561
38	sanjeevni	dabhada	female	40	Adhar card	3943 5945 8769	798922561
39	narayan	divte	female	60	Adhar card	9943 5945 8769	778922561
40	arayan	kumar	male	45	Adhar card	9943 9945 8769	776922561
41	abhikesh	mahalan	male	28	Adhar card	9943 3769 2278	476922561
42	jiya	shankar	female	30	Adhar card	9943 3969 2278	9776922561
43	rashmi	gupta	female	31	Adhar card	9943 3969 2218	9771122561
44	vicky	jain	male	31	Adhar card	9943 3919 2218	9781122561
45	prakash	bhaleroa	male	39	Pan card	9943 3919 2217	9781120561
46	sangita	kadam	female	29	Pan card	9943AWE919 2217	9781120561
47	geet	salar	female	19	Pan card	9943AWE9192	9761120561
48	roshan	salar	male	19	Pan card	A943AWE9192	9861120561
49	ritika	patel	female	19	Pan card	9ZWEAWE9192	9961120561
50	ankita	jain	female	38	Adhar card	9943 1919 2218	9791122561
51	kirti	chaudhary	female	39	Adhar card	9943 3919 9217	9781220561

51 rows in set (0.002 sec)

3.Booking_details:

MariaDB [AIRLINES_PROJECT]> select * from booking_details;

booking_id	user_id	flight_no	flight_name	booking_date	source	checkin_date	destination	checkout_date	payment_mode
101	1	2773	Air India Express	2023-02-18	mumbai	2023-02-19	delhi	2023-02-19	GPay
102	3	949	Vistara	2023-02-14	mumbai	2023-02-19	delhi	2023-02-19	GPay
103	2	949	Vistara	2023-02-14	mumbai	2023-02-19	delhi	2023-02-19	GPay
104	4	704	SpiceJet	2023-02-11	mumbai	2023-02-17	delhi	2023-02-17	Credit Card
105	5	1120	Akasa Air	2023-02-10	mumbai	2023-02-20	delhi	2023-02-20	Credit Card
106	7	2773	Air Indian Express	2023-02-15	mumbai	2023-02-21	delhi	2023-02-21	Credit Card
107	6	8112	SpiceJet	2023-02-17	mumbai	2023-02-21	delhi	2023-02-21	Phone Pay
108	8	675	Alliance	2023-02-17	mumbai	2023-02-25	goa	2023-02-25	Phone Pay
109	9	5097	IndiGo	2023-02-17	mumbai	2023-02-25	goa	2023-02-25	GPay
200	10	5326	IndiGo	2023-03-17	mumbai	2023-03-23	hyderabad	2023-03-23	GPay
201	11	-645	IndiGo	2023-02-17	mumbai	2023-02-21	delhi	2023-02-21	Phone Pay
202	12	-6043	IndiGo	2023-02-17	mumbai	2023-02-21	delhi	2023-02-21	Phone Pay
203	14	984	Vistara	2023-02-19	mumbai	2023-02-22	delhi	2023-02-22	GPay
204	13	816	Vistara	2023-02-19	mumbai	2023-02-22	delhi	2023-02-22	GPay
205	15	859	Air India	2023-02-27	mumbai	2023-03-04	delhi	2023-03-04	GPay
206	16	1719	Akasa Air	2023-02-14	delhi	2023-02-19	mumbai	2023-02-19	GPay
207	17	2766	IndiGo	2023-02-14	delhi	2023-02-19	mumbai	2023-02-19	GPay
208	18	1411	Akasa Air	2023-02-14	delhi	2023-02-18	mumbai	2023-02-18	Phone Pay
209	20	6814	Akasa Air	2024-03-14	delhi	2024-03-18	mumbai	2024-03-18	Phone Pay
300	19	449	IndiGo	2024-03-14	delhi	2024-03-18	mumbai	2024-03-18	Phone Pay
301	21	660	Air India	2024-03-14	mumbai	2024-03-18	delhi	2024-03-18	Phone Pay
302	22	986	Vistara	2024-03-14	mumbai	2024-03-18	delhi	2024-03-18	Phone Pay
303	23	950	Vistara	2024-03-14	mumbai	2024-03-19	delhi	2024-03-19	Phone Pay
304	24	951	Vistara	2024-02-14	delhi	2024-02-18	mumbai	2024-02-18	Phone Pay
305	25	449	IndiGo	2024-02-13	delhi	2024-02-17	mumbai	2024-02-17	Phone Pay
306	26	6328	IndiGo	2024-03-13	delhi	2024-03-17	mumbai	2024-03-17	Credit Card
307	27	701	SpiceJet	2024-03-03	delhi	2024-03-12	mumbai	2024-03-12	Credit Card
308	28	929	Vistara	2024-03-03	delhi	2024-03-12	mumbai	2024-03-12	Credit Card
309	29	1739	Akasa Air	2024-03-03	mumbai	2024-03-12	bengaluru	2024-03-12	Credit Card
400	30	5267	IndiGo	2024-03-03	mumbai	2024-03-11	bengaluru	2024-03-11	Credit Card
401	31	5367	IndiGo	2024-03-09	mumbai	2024-03-11	bengaluru	2024-03-11	Credit Card
402	32	1367	Akasa Air	2024-02-20	mumbai	2024-02-22	bengaluru	2024-02-22	GPay
403	33	1341	Akasa Air	2024-02-20	mumbai	2024-02-22	bengaluru	2024-02-22	GPay
404	34	268	SpiceJet	2024-02-17	mumbai	2024-02-21	bengaluru	2024-02-21	GPay
405	35	1642	Akasa Air	2024-02-17	mumbai	2024-02-21	hyderabad	2024-02-21	GPay
406	37	192	IndiGo	2024-02-21	mumbai	2024-02-27	hyderabad	2024-02-27	GPay
407	36	564	IndiGo	2024-02-21	mumbai	2024-02-27	hyderabad	2024-02-27	Phone Pay
408	38	5386	IndiGo	2024-03-21	mumbai	2024-03-27	hyderabad	2024-03-27	Phone Pay
409	39	869	vistara	2024-03-21	mumbai	2024-03-26	hyderabad	2024-03-26	GPay
500	40	5056	IndiGo	2024-03-21	mumbai	2024-03-27	hyderabad	2024-03-27	Phone Pay
501	41	615	Air India	2024-03-08	mumbai	2024-03-12	hyderabad	2024-03-12	GPay
502	42	619	Air India	2024-03-08	mumbai	2024-03-12	hyderabad	2024-03-12	GPay
503	43	338	Air India Express	2024-03-08	mumbai	2024-03-12	goa	2024-03-12	GPay
504	44	5137	IndiGo	2024-03-08	mumbai	2024-03-11	goa	2024-03-11	Credit Card
505	45	1349	Akasa Air	2024-02-08	mumbai	2024-02-11	goa	2024-02-11	Credit Card
506	46	513	Vistara	2024-02-08	mumbai	2024-02-11	goa	2024-02-11	Credit Card
507	47	5138	IndiGo	2024-02-08	mumbai	2024-03-11	goa	2024-03-11	Credit Card
508	48	235	IndiGo	2024-02-08	mumbai	2024-03-11	goa	2024-03-11	Credit Card
509	49	5009	IndiGo	2024-02-15	mumbai	2024-02-28	goa	2024-02-28	GPay
600	50	683	IndiGo	2024-02-15	mumbai	2024-02-28	goa	2024-02-28	GPay
601	51	843	Vistara	2024-03-15	mumbai	2024-03-28	goa	2024-03-28	GPay

rows in set (0.002 sec)

4.Passenger_details:

MariaDB [AIRLINES_PROJECT]> select * from passenger_details;

passenger_id	booking_id	PNR_no	passenger_name	age	gender	class_type	ticket_status	seat_no
1	101	1	sarita sawant	40	female	Economy	confirm	2
2	102	2	mayuri more	28	female	Economy	confirm	3
3	103	3	rohan huslare	26	male	Business	confirm	4
4	104	4	shraddha huslare	26	female	First Class	confirm	5
5	105	5	seema divte	30	female	Premium economy	cancelled	6
6	106	6	mamta pawal	35	female	economy	confirm	7
7	107	7	lata shedge	42	female	economy	confirm	1
8	108	8	shivaji pawar	29	male	Premium economy	confirm	8
9	109	9	satish more	29	male	First Class	cancelled	2
10	200	10	om shinde	21	male	First Class	confirm	3
11	201	11	gauri shedge	24	female	Premium economy	confirm	1
12	202	12	kalyani patil	30	female	Premium economy	confirm	2
13	203	13	darshan singh	33	male	economy	confirm	9
14	204	14	prashant singh	33	male	economy	cancelled	10
15	205	15	anagha deshmukh	21	female	economy	cancelled	11
16	206	16	harshad ghambhirao	20	male	First Class	confirm	11
17	207	17	prasad yeweale	25	male	First Class	confirm	6
18	208	18	prem kapoor	25	male	First Class	confirm	7
19	209	19	alia bhatt	27	female	Premium economy	cancelled	12
20	300	20	aditya kapur	21	male	Premium economy	cancelled	5
21	301	21	sakshi barne	29	female	First Class	confirm	1
22	302	22	vedika waghmare	19	female	First Class	confirm	4
23	303	23	niranjan sawant	16	male	economy	confirm	4
24	304	24	vedant lokare	17	male	economy	confirm	5
25	305	25	purva borse	17	female	Business	cancelled	1
26	306	26	mahima suryaroa	17	female	Business	confirm	3
27	307	27	sharad bhosale	37	male	Business	confirm	2
28	308	28	adityaraj bhutekar	20	male	Premium economy	confirm	3
29	309	29	darshana bhosale	20	female	economy	confirm	6
30	400	30	shruti chavan	20	female	economy	confirm	8
31	401	31	shiddhesh	22	male	First Class	confirm	8
32	402	32	faisal shaikh	29	male	First Class	cancelled	9
33	403	33	suraj mandana	29	male	First Class	cancelled	10
34	404	34	raj rajput	27	male	economy	confirm	12
35	405	35	kalpana rajput	27	female	economy	confirm	13
36	406	36	sanjeevni dabhada	40	female	economy	confirm	14
37	407	37	naryan divte	60	male	economy	confirm	15
38	408	38	arayan kumar	45	male	First Class	confirm	12
39	409	39	abhikesh mahalan	28	male	First Class	confirm	13
40	500	40	jiya shankar	30	female	First Class	confirm	14
41	501	41	rashmi gupta	31	female	economy	confirm	16
42	502	42	vicky jain	31	male	economy	cancelled	17
43	503	43	prakash bhaleroa	39	male	economy	cancelled	18
44	504	44	sangita kadam	29	female	economy	confirm	19
45	505	45	geet salar	19	female	economy	confirm	20
46	506	46	roshan salar	19	male	economy	confirm	21
47	507	47	ritika patel	19	female	First Class	confirm	15
48	508	48	ankita jain	38	female	First Class	confirm	16
49	509	49	kirti chaudhary	39	female	First Class	confirm	17
50	600	50	manisha rani	39	female	First Class	confirm	18

50 rows in set (0.014 sec)

5.Payment_details:

MariaDB [AIRLINES_PROJECT]> select * from payment_details;

payment_id	user_id	booking_id	payment_TYPE	amount	amount_status
1001	1	101	online	3340	sucessful
1002	2	102	online	3349	sucessful
1003	3	103	online	4349	sucessful
1004	4	104	Credit Card	4349	sucessful
1005	5	105	Credit Card	4249	sucessful
1006	6	106	Credit Card	4249	sucessful
1007	7	107	online	5302	sucessful
1008	8	108	online	5302	sucessful
1009	9	109	online	5202	sucessful
1010	10	200	online	5202	sucessful
1011	11	201	online	3063	sucessful
1012	12	202	online	3063	sucessful
1013	13	203	online	4945	sucessful
1014	14	204	online	4945	refund
1015	15	205	online	4945	pending
1016	16	206	online	4835	sucessful
1017	17	207	online	4835	sucessful
1018	18	208	online	3835	sucessful
1019	19	209	online	4735	refund
1020	20	300	online	4735	refund
1021	21	301	online	4367	sucessful
1022	22	302	online	3367	sucessful
1023	23	303	online	3667	sucessful
1024	24	304	online	5667	sucessful
1025	25	305	online	4667	pending
1026	26	306	Credit card	4877	sucessful
1027	27	307	Credit card	4877	sucessful
1028	28	308	Credit card	4945	sucessful
1029	29	309	Credit card	4945	sucessful
1030	30	400	Credit card	3945	sucessful
1031	31	401	Credit card	3945	sucessful
1032	32	402	online	3936	refund
1033	33	403	online	3936	refund
1034	34	404	online	3326	sucessful
1035	35	405	online	3326	sucessful
1036	36	406	online	3326	sucessful
1037	37	407	online	4200	sucessful
1038	38	408	online	4200	sucessful

1039	39	409	online	4260	sucessful
1040	40	500	online	4260	sucessful
1041	41	501	online	3457	sucessful
1042	42	502	online	3457	sucessful
1043	43	503	online	4457	sucessful
1044	44	504	Credit card	4457	sucessful
1045	45	505	Credit card	4457	sucessful
1046	46	506	Credit card	4786	sucessful
1047	47	507	Credit card	4786	sucessful
1048	48	508	Credit card	4786	sucessful
1049	49	509	online	5786	sucessful
1050	50	600	online	3786	sucessful

50 rows in set (0.014 sec)

□ Description of tables:

```
MariaDB [AIRLINES_PROJECT]> desc airline_details;
```

Field	Type	Null	Key	Default	Extra
flight_no	int(11)	YES		NULL	
source_destination	varchar(30)	YES		NULL	
flight_name	varchar(30)	YES		NULL	
dep_time	varchar(30)	YES		NULL	
arr_time	varchar(30)	YES		NULL	
frequency	varchar(20)	YES		NULL	

6 rows in set (0.023 sec)

```
MariaDB [AIRLINES_PROJECT]> desc user_details;
```

Field	Type	Null	Key	Default	Extra
user_id	int(11)	NO	PRI	NULL	auto_increment
first_name	varchar(20)	YES		NULL	
last_name	varchar(20)	YES		NULL	
gender	varchar(20)	YES		NULL	
age	int(11)	YES		NULL	
government_id_name	varchar(30)	NO		NULL	
government_id_no	varchar(30)	YES	UNI	NULL	
phone_no	bigint(20)	YES		NULL	

8 rows in set (0.019 sec)

```
MariaDB [AIRLINES_PROJECT]> desc booking_details;
```

Field	Type	Null	Key	Default	Extra
booking_id	int(11)	NO		NULL	
user_id	int(11)	NO	MUL	NULL	
flight_no	int(11)	NO		NULL	
flight_name	varchar(30)	YES		NULL	
booking_date	date	YES		NULL	
source	varchar(30)	NO		NULL	
checkin_date	date	NO		NULL	
destination	varchar(30)	NO		NULL	
checkout_date	date	NO		NULL	
payment_mode	varchar(30)	NO		NULL	

10 rows in set (0.021 sec)

```
MariaDB [AIRLINES_PROJECT]> desc passenger_details;
```

Field	Type	Null	Key	Default	Extra
passenger_id	int(11)	NO		NULL	
booking_id	int(11)	YES		NULL	
PNR_no	bigint(20)	YES	UNI	NULL	
passenger_name	varchar(30)	YES		NULL	
age	int(11)	YES		NULL	
gender	varchar(20)	YES		NULL	
class_type	varchar(20)	NO		NULL	
ticket_status	varchar(30)	YES		NULL	
seat_no	int(11)	NO		NULL	

9 rows in set (0.022 sec)

```
MariaDB [AIRLINES_PROJECT]> desc payment_details;
```

Field	Type	Null	Key	Default	Extra
payment_id	int(11)	NO	PRI	NULL	
user_id	int(11)	YES		NULL	
booking_id	int(11)	YES		NULL	
payment_TYPE	varchar(30)	YES		NULL	
amount	double	YES		NULL	
amount_status	varchar(30)	YES		NULL	

6 rows in set (0.011 sec)

☐ Creating relation between tables

USING ALTER COMMAND:

Alter table create relation between tables:

1.It create relation between user_details and booking_details.

```
MariaDB [AIRLINES_PROJECT]> alter table booking_details add constraint ds foreign key  
(user_id) references user_details(user_id);
```

2.It create relation between booking_details and passenger_details.

```
MariaDB [AIRLINES_PROJECT]> alter table passenger_details add constraint jk foreign key  
(booking_id) references booking_details(booking_id);
```

☐ Built-in function

1.Find the total count from the airline_details table.

```
select count(*)as 'total count' from airline_details;
```

```
+-----+  
| total count |  
+-----+  
|          51 |  
+-----+  
1 row in set (0.004 sec)
```

2.Convert the first_name in upper case.

```
select upper(first_name)as uppercase from user_details;
```

```
MariaDB [AIRLINES_PROJECT]> select upper(first_name)as uppercase from user_details;  
+-----+  
| uppercase |  
+-----+  
| SARITA    |  
| MAYURI    |  
| ROHAN     |  
| SHRADDHA  |  
| SEEMA     |  
| MAMTA     |  
| LATA      |  
| SHIVAJI   |  
| SATISH    |  
| MANISHA   |  
| OM        |  
| GAURI     |  
| KALAYANI  |  
| DARSHAN   |  
| PRASHANT  |  
| ANAGHA    |  
| HARSHAD   |  
| PRASAD    |  
| PREM      |  
| ALIA      |  
| ADITYA    |  
| SAKSHI    |  
| VEDIKA    |  
| NIRANJAN  |  
| VEDANT    |  
| PURVA     |  
| MAHIMA    |  
| SHARAD    |  
| ADITYARAJ |  
| DARSHANA  |  
| MANISH    |  
| SHRUTI    |  
| SIDDHESH  |  
| FAISAL    |  
| SURAJ     |  
| RAJ       |  
| KALPANA   |  
| SANJEEVNI |
```

3.Convert the first_name in lower case

```
select lower(first_name)as lowercase from user_details
```



```

MariaDB [AIRLINES_PROJECT]> select lower(first_name)as lowercase from user_detail
;
+-----+
| lowercase |
+-----+
| sarita    |
| mayuri    |
| rohan     |
| shraddha  |
| seema     |
| mamta     |
| lata     |
| shivaji   |
| satish    |
| manisha   |
| om        |
| gauri     |
| kalayani  |
| darshan   |
| prashant  |
| anagha    |
| harshad   |
| prasad    |
| prem      |
| alia      |
| aditya    |
| sakshi    |
| vedika    |
| niranjan  |
| vedant    |
| purva     |
| mahima    |
| sharad    |
| adityaraj |
| darshana  |
| manish    |
| shruti    |
| siddhesh  |
| faisal    |
| suraj     |
| raj       |
| kalpana   |

```

1. Reverse the last_name

```

C:\xampp> XAMPP for Windows - mysql -u root
MariaDB [AIRLINES_PROJECT]> select reverse(last_name) as reversename from user_details;
+-----+
| reversename |
+-----+
| tnawas      |
| erom        |
| eralsuh     |
| eralsuh     |
| etvid       |
| lawap       |
| egdehs      |
| rawap       |
| erom        |
| inar        |
| ednihs      |
| egdehs      |
| litap       |
| hgnis       |
| lahgnis     |
| hkumhsed    |
| oarihbmahg  |
| elewey      |
| roopak      |
| tahb        |
| rupak       |
| enrab       |
| eramhgaw    |
| tnawas      |
| erakol      |
| esrob       |
| aorayrus    |
| elasohb     |
| raketub     |
| elasohb     |
| lap         |
| navahc      |
| ehdud       |
| hkiahs      |
| anadnam     |
| tupjar      |
| tupjar      |
| adahbad     |
| etvid       |

```

5.Find the length of the first_name.

```

MariaDB [AIRLINES_PROJECT]> select length(first_name)from user_details;
+-----+
| length(first_name) |
+-----+
| 6 |
| 6 |
| 5 |
| 8 |
| 5 |
| 5 |
| 4 |
| 7 |
| 6 |
| 7 |
| 2 |
| 5 |
| 8 |
| 7 |
| 8 |
| 6 |
| 7 |
| 6 |
| 4 |
| 4 |
| 6 |
| 6 |
| 6 |
| 8 |
| 6 |
| 5 |
| 6 |
| 6 |
| 9 |
| 8 |
| 6 |
| 6 |
| 8 |
| 6 |
| 5 |
| 3 |
| 7 |
| 9 |

```

6.Find the last_name string 4 words.

```

C:\xampp> XAMPP for Windows - mysql -u root

MariaDB [AIRLINES_PROJECT]> select substring(last_name,1,4)as extracting from user_details;
+-----+
| extracting |
+-----+
| sawa |
| more |
| husl |
| husl |
| divt |
| pawa |
| shed |
| pawa |
| more |
| rani |
| shin |
| shed |
| pati |
| sing |
| sing |
| desh |
| gham |
| yewe |
| kapo |
| bhat |
| kapu |
| barn |
| wagh |
| sawa |
| loka |
| bors |
| sury |
| bhos |
| bute |
| bhos |
| pal |
| chav |
| dudh |
| shai |
| mand |
| rajp |
| rajp |
| dabh |

```

☐ GROUP BY CLAUSE

1.Group by with count() function.

```
MariaDB [AIRLINES_PROJECT]> select destination,count(destination) from booking_details group by destination;
```

destination	count(destination)
bengaluru	6
delhi	15
goa	11
hyderabad	9
mumbai	10

```
5 rows in set (0.011 sec)
```

2.Group by with sum() function.

```
C:\XAMPP for Windows - mysql -u root
MariaDB [AIRLINES_PROJECT]> select user_id,sum(amount) from payment_details group by user_id;
```

user_id	sum(amount)
1	3340
2	3349
3	4349
4	4349
5	4249
6	4249
7	5302
8	5302
9	5202
10	5202
11	3063
12	3063
13	4945
14	4945
15	4945
16	4835
17	4835
18	3835
19	4735
20	4735
21	4367
22	3367
23	3667
24	5667
25	4667
26	4877
27	4877
28	4945
29	4945
30	3945
31	3945
32	3936
33	3936
34	3326
35	3326
36	3326
37	4200
38	4200
39	4260

40	4260
41	3457
42	3457
43	4457
44	4457
45	4457
46	4786
47	4786
48	4786
49	5786
50	3786

-----+-----+
50 rows in set (0.015 sec)

3.Group by with specific column

```

C:\XAMPP for Windows - mysql -u root
MariaDB [AIRLINES_PROJECT]> select first_name,gender,age from user_details group by first_name,gender,age;
+-----+-----+-----+
| first_name | gender | age |
+-----+-----+-----+
| abhikesh   | male   | 28  |
| aditya     | male   | 21  |
| adityaraj  | male   | 20  |
| alia       | female | 27  |
| anagha     | female | 21  |
| ankita     | female | 38  |
| arayan     | male   | 45  |
| darshan    | male   | 33  |
| darshana   | female | 20  |
| faisal     | male   | 29  |
| gauri      | female | 24  |
| geet       | female | 19  |
| harshad    | male   | 20  |
| jiya       | female | 30  |
| kalayani   | female | 30  |
| kalpana    | female | 27  |
| kirti      | female | 39  |
| lata       | female | 42  |
| mahima     | female | 17  |
| mamta      | female | 35  |
| manish     | male   | 28  |
| manisha    | female | 28  |
| mayuri     | female | 28  |
| narayan    | female | 60  |
| niranjan   | male   | 16  |
| om         | male   | 21  |
| prakash    | male   | 39  |
| prasad     | male   | 25  |
| prashant   | male   | 33  |
| prem       | female | 27  |
| purva      | female | 17  |
| raj        | female | 27  |
| rashmi     | female | 31  |
| ritika     | female | 19  |
| rohan      | female | 26  |
| roshan     | male   | 19  |
| sakshi     | male   | 29  |
| sangita    | female | 29  |
| sanjeevni  | female | 40  |

```

```

| sarita     | female | 40  |
| satish     | male   | 29  |
| seema      | female | 30  |
| sharad     | male   | 37  |
| shivaji    | male   | 29  |
| shraddha   | female | 26  |
| shruti     | female | 20  |
| siddhesh   | male   | 22  |
| suraj      | male   | 29  |
| vedant     | male   | 17  |
| vedika     | female | 19  |
| vicky      | male   | 31  |
+-----+-----+-----+
51 rows in set (0.001 sec)

```

4.Find the count of flight_name

```
select flight_name,count(*) from airline_details group by flight_name;
```

```
MariaDB [AIRLINES_PROJECT]> select flight_name,count(*) from airline_details group
by flight_name;
```

flight_name	count(*)
Air India	5
Air india express	3
Akasa Air	8
Alliance Air	1
IndiGo	19
SpiceJet	4
Vistara	11

```
7 rows in set (0.011 sec)
```

❑ JOINS:

1.INNER JOIN:

– Find the passenger name,gender,source,destination:

```
[AIRLINES_PROJECT]> select
user_details.first_name,user_details.gender,booking_details.source,booking_details.destination from
user_details inner join booking_details on user_details.user_id=booking_details.user_id;
```

```
MariaDB [AIRLINES_PROJECT]> select user_details.first_name,user_details.gender,booking_details.source,booking_details.destination from user_details inner join booking_details on user_details.user_id=booking_details.user_id;
```

first_name	gender	source	destination
sarita	female	mumbai	delhi
rohan	female	mumbai	delhi
mayuri	female	mumbai	delhi
shraddha	female	mumbai	delhi
seema	female	mumbai	delhi
lata	female	mumbai	delhi
mamta	female	mumbai	delhi
shivaji	male	mumbai	goa
satish	male	mumbai	goa
manisha	female	mumbai	hyderabad
om	male	mumbai	delhi
gauri	female	mumbai	delhi
darshan	male	mumbai	delhi
kalayani	female	mumbai	delhi
prashant	male	mumbai	delhi
anagha	female	delhi	mumbai
harshad	male	delhi	mumbai
prasad	male	delhi	mumbai
alia	female	delhi	mumbai
prem	female	delhi	mumbai
aditya	male	mumbai	delhi
sakshi	male	mumbai	delhi
vedika	female	mumbai	delhi
niranjan	male	delhi	mumbai
vedant	male	delhi	mumbai
purva	female	delhi	mumbai
mahima	female	delhi	mumbai
sharad	male	delhi	mumbai
adityaraj	male	mumbai	bengaluru
darshana	female	mumbai	bengaluru
manish	male	mumbai	bengaluru
shruti	female	mumbai	bengaluru
siddhesh	male	mumbai	bengaluru
faisal	male	mumbai	bengaluru
suraj	male	mumbai	hyderabad
kalpana	female	mumbai	hyderabad
raj	female	mumbai	hyderabad

raj	female	mumbai	hyderabad
sanjeevni	female	mumbai	hyderabad
narayan	female	mumbai	hyderabad
arayan	male	mumbai	hyderabad
abhikesh	male	mumbai	hyderabad
jiya	female	mumbai	hyderabad
rashmi	female	mumbai	goa
vicky	male	mumbai	goa
prakash	male	mumbai	goa
sangita	female	mumbai	goa
geet	female	mumbai	goa
roshan	male	mumbai	goa
ritika	female	mumbai	goa
ankita	female	mumbai	goa
kirti	female	mumbai	goa

51 rows in set (0.011 sec)

2.LEFT JOIN

```
select * from passenger_details left join payment_details on
passenger_details.booking_id=payment_details.booking_id;
```

XAMPP for Windows - mysql -u root

MariaDB [AIRLINES_PROJECT]> select * from passenger_details left join payment_details on passenger_details.booking_id=payment_details.booking_id;

passenger_id	booking_id	PNR_no	passenger_name	age	gender	class_type	ticket_status	seat_no	payment_id	user_id	booking_id	payment_TYPE
3340	1	101	1	sarita sawant	40	female	Economy	confirm	2	1001	1	101 online
3349	2	102	2	mayuri more	28	female	Economy	confirm	3	1002	2	102 online
4349	3	103	3	rohan huslare	26	male	Business	confirm	4	1003	3	103 online
4349	4	104	4	shraddha huslare	26	female	First Class	confirm	5	1004	4	104 Credit Card
4249	5	105	5	seema divte	30	female	Premium economy	cancelled	6	1005	5	105 Credit Card
4249	6	106	6	mamta pawal	35	female	economy	confirm	7	1006	6	106 Credit Card
5302	7	107	7	lata shedge	42	female	economy	confirm	1	1007	7	107 online
5302	8	108	8	shivaji pawar	29	male	Premium economy	confirm	8	1008	8	108 online
5202	9	109	9	satish more	29	male	First Class	cancelled	2	1009	9	109 online
5202	10	200	10	om shinde	21	male	First Class	confirm	3	1010	10	200 online
5202	11	201	11	gauri shedge	24	female	Premium economy	confirm	1	1011	11	201 online
3063	12	202	12	kalyani patil	30	female	Premium economy	confirm	2	1012	12	202 online
3063	13	203	13	darshan singh	33	male	economy	confirm	9	1013	13	203 online
4945	14	204	14	prashant singh	33	male	economy	cancelled	10	1014	14	204 online
4945	15	205	15	anagha deshमुख	21	female	economy	cancelled	11	1015	15	205 online
4945	16	206	16	harshad ghambhirao	20	male	First Class	confirm	11	1016	16	206 online
4835	17	207	17	prasad yewele	25	male	First Class	confirm	6	1017	17	207 online
4835	18	208	18	prem Kapoor	25	male	First Class	confirm	7	1018	18	208 online
3835	successful											

XAMPP for Windows - mysql -u root

3835	successful	19	209	19	alia bhatt	27	female	Premium economy	cancelled	12	1019	19	209	online
4735	refund	20	300	20	aditya kapur	21	male	Premium economy	cancelled	5	1020	20	300	online
4735	refund	21	301	21	sakshi barne	29	female	First Class	confirm	1	1021	21	301	online
4367	successful	22	302	22	vedika waghmare	19	female	First Class	confirm	4	1022	22	302	online
3367	successful	23	303	23	niranjan sawant	16	male	economy	confirm	4	1023	23	303	online
3667	successful	24	304	24	vedant lokare	17	male	economy	confirm	5	1024	24	304	online
5667	successful	25	305	25	purva borse	17	female	Business	cancelled	1	1025	25	305	online
4667	pending	26	306	26	mahima suryaroa	17	female	Business	confirm	3	1026	26	306	Credit card
4877	successful	27	307	27	sharad bhosale	37	male	Business	confirm	2	1027	27	307	Credit card
4877	successful	28	308	28	adityaraj bhutekar	20	male	Premium economy	confirm	3	1028	28	308	Credit card
4945	successful	29	309	29	darshana bhosale	20	female	economy	confirm	6	1029	29	309	Credit card
4945	successful	30	400	30	shruti chavan	20	female	economy	confirm	8	1030	30	400	Credit card
3945	successful	31	401	31	shiddhesh	22	male	First Class	confirm	8	1031	31	401	Credit card
3945	successful	32	402	32	faisal shaikh	29	male	First Class	cancelled	9	1032	32	402	online
3936	refund	33	403	33	suraj mandana	29	male	First Class	cancelled	10	1033	33	403	online
3936	refund	34	404	34	raj rajput	27	male	economy	confirm	12	1034	34	404	online
3326	successful	35	405	35	kalpana rajput	27	female	economy	confirm	13	1035	35	405	online
3326	successful	36	406	36	sanjeevni dabhada	40	female	economy	confirm	14	1036	36	406	online
3326	successful	37	407	37	naryan divte	60	male	economy	confirm	15	1037	37	407	online
4200	successful	38	408	38	arayan kumar	45	male	First Class	confirm	12	1038	38	408	online
4200	successful	39	409	39	abhikesh mahalan	28	male	First Class	confirm	13	1039	39	409	online
4260	successful													

4260	successful											
40	500	40	jiya shankar	30	female	First Class	confirm	14	1040	40	500	online
4260	successful	41	rashmi gupta	31	female	economy	confirm	16	1041	41	501	online
3457	successful	42	vicky jain	31	male	economy	cancelled	17	1042	42	502	online
3457	successful	43	prakash bhaleroa	39	male	economy	cancelled	18	1043	43	503	online
4457	successful	44	sangita kadam	29	female	economy	confirm	19	1044	44	504	Credit card
4457	successful	45	geet salar	19	female	economy	confirm	20	1045	45	505	Credit card
4457	successful	46	roshan salar	19	male	economy	confirm	21	1046	46	506	Credit card
4786	successful	47	ritika patel	19	female	First Class	confirm	15	1047	47	507	Credit card
4786	successful	48	ankita jain	38	female	First Class	confirm	16	1048	48	508	Credit card
4786	successful	49	kirti chaudhary	39	female	First Class	confirm	17	1049	49	509	online
5786	successful	50	manisha rani	39	female	First Class	confirm	18	1050	50	600	online
3786	successful											

3.RIGHT JOIN

```
select * from passenger_details right join payment_details on
passenger_details.booking_id=payment_details.booking_id;
```

XAMPP for Windows - mysql -u root

MariaDB [AIRLINES_PROJECT]> select * from passenger_details right join payment_details on passenger_details.booking_id=payment_details.booking_id;

passenger_id	booking_id	PNR_no	passenger_name	age	gender	class_type	ticket_status	seat_no	payment_id	user_id	booking_id	payment_TYPE
3340	1	101	1	sarita sawant	40	female	Economy	confirm	2	1001	1	101 online
3349	2	102	2	mayuri more	28	female	Economy	confirm	3	1002	2	102 online
4349	3	103	3	rohan huslare	26	male	Business	confirm	4	1003	3	103 online
4349	4	104	4	shraddha huslare	26	female	First Class	confirm	5	1004	4	104 Credit Card
4249	5	105	5	seema divte	30	female	Premium economy	cancelled	6	1005	5	105 Credit Card
4249	6	106	6	mamta pawal	35	female	economy	confirm	7	1006	6	106 Credit Card
5302	7	107	7	lata shedge	42	female	economy	confirm	1	1007	7	107 online
5302	8	108	8	shivaji pawar	29	male	Premium economy	confirm	8	1008	8	108 online
5202	9	109	9	satish more	29	male	First Class	cancelled	2	1009	9	109 online
5202	10	200	10	om shinde	21	male	First Class	confirm	3	1010	10	200 online
3063	11	201	11	gauri shedge	24	female	Premium economy	confirm	1	1011	11	201 online
3063	12	202	12	kalyani patil	30	female	Premium economy	confirm	2	1012	12	202 online
4945	13	203	13	darshan singh	33	male	economy	confirm	9	1013	13	203 online
4945	14	204	14	prashant singh	33	male	economy	cancelled	10	1014	14	204 online
4945	15	205	15	anagha deshmukh	21	female	economy	cancelled	11	1015	15	205 online
4835	16	206	16	harshad ghambhirao	20	male	First Class	confirm	11	1016	16	206 online
4835	17	207	17	prasad yeweale	25	male	First Class	confirm	6	1017	17	207 online
4835	18	208	18	prem Kapoor	25	male	First Class	confirm	7	1018	18	208 online

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3835	19	209	19	alia bhatt	27	female	Premium economy	cancelled	12	1019	19	209 online
4735	20	300	20	aditya kapur	21	male	Premium economy	cancelled	5	1020	20	300 online
4735	21	301	21	sakshi barne	29	female	First Class	confirm	1	1021	21	301 online
4367	22	302	22	vedika waghmare	19	female	First Class	confirm	4	1022	22	302 online
3667	23	303	23	niranjana sawant	16	male	economy	confirm	4	1023	23	303 online
5667	24	304	24	vedant lokare	17	male	economy	confirm	5	1024	24	304 online
4667	25	305	25	purva borse	17	female	Business	cancelled	1	1025	25	305 online
4877	26	306	26	mahima suryaroa	17	female	Business	confirm	3	1026	26	306 Credit card
4877	27	307	27	sharad bhosale	37	male	Business	confirm	2	1027	27	307 Credit card
4945	28	308	28	adityaraj bhutekar	20	male	Premium economy	confirm	3	1028	28	308 Credit card
4945	29	309	29	darshana bhosale	20	female	economy	confirm	6	1029	29	309 Credit card
3945	30	400	30	shruti chavan	20	female	economy	confirm	8	1030	30	400 Credit card
3945	31	401	31	shiddhesh	22	male	First Class	confirm	8	1031	31	401 Credit card
3936	32	402	32	faisal shaikh	29	male	First Class	cancelled	9	1032	32	402 online
3936	33	403	33	suraj mandana	29	male	First Class	cancelled	10	1033	33	403 online
3326	34	404	34	raj rajput	27	male	economy	confirm	12	1034	34	404 online
3326	35	405	35	kalpana rajput	27	female	economy	confirm	13	1035	35	405 online
3326	36	406	36	sanjeevni dabhada	40	female	economy	confirm	14	1036	36	406 online
4200	37	407	37	naryan divte	60	male	economy	confirm	15	1037	37	407 online
4200	38	408	38	arayan kumar	45	male	First Class	confirm	12	1038	38	408 online
4260	39	409	39	abhikesh mahalan	28	male	First Class	confirm	13	1039	39	409 online


```

4260 | successful | 40 | 500 | 40 | jiya shankar | 30 | female | First Class | confirm | 14 | 1040 | 40 | 500 | online
4260 | successful | 41 | 501 | 41 | rashmi gupta | 31 | female | economy | confirm | 16 | 1041 | 41 | 501 | online
3457 | successful | 42 | 502 | 42 | vicky jain | 31 | male | economy | cancelled | 17 | 1042 | 42 | 502 | online
3457 | successful | 43 | 503 | 43 | prakash bhaleroa | 39 | male | economy | cancelled | 18 | 1043 | 43 | 503 | online
4457 | successful | 44 | 504 | 44 | sangita kadam | 29 | female | economy | confirm | 19 | 1044 | 44 | 504 | Credit card
4457 | successful | 45 | 505 | 45 | geet salar | 19 | female | economy | confirm | 20 | 1045 | 45 | 505 | Credit card
4457 | successful | 46 | 506 | 46 | roshan salar | 19 | male | economy | confirm | 21 | 1046 | 46 | 506 | Credit card
4786 | successful | 47 | 507 | 47 | ritika patel | 19 | female | First Class | confirm | 15 | 1047 | 47 | 507 | Credit card
4786 | successful | 48 | 508 | 48 | ankita jain | 38 | female | First Class | confirm | 16 | 1048 | 48 | 508 | Credit card
4786 | successful | 49 | 509 | 49 | kirti chaudhary | 39 | female | First Class | confirm | 17 | 1049 | 49 | 509 | online
5786 | successful | 50 | 600 | 50 | manisha rani | 39 | female | First Class | confirm | 18 | 1050 | 50 | 600 | online
3786 | successful |
+-----+-----+
50 rows in set (0.011 sec)

```

4.FULL JOIN

select * from passenger_details left join payment_details on
passenger_details.booking_id=payment_details.booking_id UNION select * from passenger_details
right join payment_details on passenger_details.booking_id=payment_details.booking_id;

```

XAMPP for Windows - mysql -u root
MariaDB [AIRLINES_PROJECT]> select * from passenger_details left join payment_details on passenger_details.booking_id=payment_details.booking_id UNION select * from pa
ssenger_details right join payment_details on passenger_details.booking_id=payment_details.booking_id;
+-----+-----+
passenger_id | booking_id | PNR_no | passenger_name | age | gender | class_type | ticket_status | seat_no | payment_id | user_id | booking_id | payment_TYPE
+-----+-----+
1 | 101 | 1 | sarita sawant | 40 | female | Economy | confirm | 2 | 1001 | 1 | 101 | online
3340 | successful | 102 | 2 | mayuri more | 28 | female | Economy | confirm | 3 | 1002 | 2 | 102 | online
3349 | successful | 103 | 3 | rohan huslare | 26 | male | Business | confirm | 4 | 1003 | 3 | 103 | online
4349 | successful | 104 | 4 | shraddha huslare | 26 | female | First Class | confirm | 5 | 1004 | 4 | 104 | Credit Card
4349 | successful | 105 | 5 | seema divte | 30 | female | Premium economy | cancelled | 6 | 1005 | 5 | 105 | Credit Card
4249 | successful | 106 | 6 | mamta pawal | 35 | female | economy | confirm | 7 | 1006 | 6 | 106 | Credit Card
4249 | successful | 107 | 7 | lata shedge | 42 | female | economy | confirm | 1 | 1007 | 7 | 107 | online
5302 | successful | 108 | 8 | shivaji pawar | 29 | male | Premium economy | confirm | 8 | 1008 | 8 | 108 | online
5302 | successful | 109 | 9 | satish more | 29 | male | First Class | cancelled | 2 | 1009 | 9 | 109 | online
5202 | successful | 200 | 10 | om shinde | 21 | male | First Class | confirm | 3 | 1010 | 10 | 200 | online
5202 | successful | 201 | 11 | gauri shedge | 24 | female | Premium economy | confirm | 1 | 1011 | 11 | 201 | online
3063 | successful | 202 | 12 | kalyani patil | 30 | female | Premium economy | confirm | 2 | 1012 | 12 | 202 | online
3063 | successful | 203 | 13 | darshan singh | 33 | male | economy | confirm | 9 | 1013 | 13 | 203 | online
4945 | successful | 204 | 14 | prashant singh | 33 | male | economy | cancelled | 10 | 1014 | 14 | 204 | online
4945 | refund | 205 | 15 | anagha deshमुख | 21 | female | economy | cancelled | 11 | 1015 | 15 | 205 | online
4945 | pending | 206 | 16 | harshad ghambhirao | 20 | male | First Class | confirm | 11 | 1016 | 16 | 206 | online
4835 | successful | 207 | 17 | prasad yewele | 25 | male | First Class | confirm | 6 | 1017 | 17 | 207 | online
4835 | successful | 208 | 18 | prem kapoor | 25 | male | First Class | confirm | 7 | 1018 | 18 | 208 | online

```

3835	successful	19	alia bhatt	27	female	Premium economy	cancelled	12	1019	19	209	online
4735	refund	20	aditya kapur	21	male	Premium economy	cancelled	5	1020	20	300	online
4735	refund	21	sakshi barne	29	female	First Class	confirm	1	1021	21	301	online
4367	successful	22	vedika waghmare	19	female	First Class	confirm	4	1022	22	302	online
3367	successful	23	niranjana sawant	16	male	economy	confirm	4	1023	23	303	online
3667	successful	24	vedant lokare	17	male	economy	confirm	5	1024	24	304	online
5667	successful	25	purva borse	17	female	Business	cancelled	1	1025	25	305	online
4667	pending	26	mahima suryaroa	17	female	Business	confirm	3	1026	26	306	Credit card
4877	successful	27	sharad bhosale	37	male	Business	confirm	2	1027	27	307	Credit card
4877	successful	28	adityaraj bhutekar	20	male	Premium economy	confirm	3	1028	28	308	Credit card
4945	successful	29	darshana bhosale	20	female	economy	confirm	6	1029	29	309	Credit card
4945	successful	30	shruti chavan	20	female	economy	confirm	8	1030	30	400	Credit card
3945	successful	31	shiddhesh	22	male	First Class	confirm	8	1031	31	401	Credit card
3945	successful	32	faisal shaikh	29	male	First Class	cancelled	9	1032	32	402	online
3936	refund	33	suraj mandana	29	male	First Class	cancelled	10	1033	33	403	online
3936	refund	34	raj rajput	27	male	economy	confirm	12	1034	34	404	online
3326	successful	35	kalpana rajput	27	female	economy	confirm	13	1035	35	405	online
3326	successful	36	sanjeevni dabhada	40	female	economy	confirm	14	1036	36	406	online
3326	successful	37	naryan divte	60	male	economy	confirm	15	1037	37	407	online
4200	successful	38	arayan kumar	45	male	First Class	confirm	12	1038	38	408	online
4200	successful	39	abhikesh mahalan	28	male	First Class	confirm	13	1039	39	409	online
4260	successful											

4260	successful	40	jiya shankar	30	female	First Class	confirm	14	1040	40	500	online
4260	successful	41	rashmi gupta	31	female	economy	confirm	16	1041	41	501	online
3457	successful	42	vicky jain	31	male	economy	cancelled	17	1042	42	502	online
3457	successful	43	prakash bhaleroa	39	male	economy	cancelled	18	1043	43	503	online
4457	successful	44	sangita kadam	29	female	economy	confirm	19	1044	44	504	Credit card
4457	successful	45	geet salar	19	female	economy	confirm	20	1045	45	505	Credit card
4457	successful	46	roshan salar	19	male	economy	confirm	21	1046	46	506	Credit card
4786	successful	47	ritika patel	19	female	First Class	confirm	15	1047	47	507	Credit card
4786	successful	48	ankita jain	38	female	First Class	confirm	16	1048	48	508	Credit card
4786	successful	49	kirti chaudhary	39	female	First Class	confirm	17	1049	49	509	online
5786	successful	50	manisha rani	39	female	First Class	confirm	18	1050	50	600	online
3786	successful											

50 rows in set (0.004 sec)

☐ SUBQUERY

1. Select 1 highest price of the flight ticket

select max(amount) from payment_details;

```
MariaDB [AIRLINES_PROJECT]> select max(amount) from payment_details;
+-----+
| max(amount) |
+-----+
|          5786 |
+-----+
1 row in set (0.015 sec)
```

2. select 2 highest price of the flight ticket

select max(amount) from payment_details where amount<>(select max(amount) from payment_details);

```
MariaDB [AIRLINES_PROJECT]> select max(amount) from payment_details where amount<>(select max(amount) from payment_details);
+-----+
| max(amount) |
+-----+
|          5667 |
+-----+
1 row in set (0.000 sec)
```

3. Find source_destination wise 1 flight_name in each group of flight.

```
select * from (select e.*, row_number() over(partition by source_destination order by flight_name desc) r_n from airline_details e) t where t.r_n=1;
```

```
MariaDB [AIRLINES_PROJECT]> select * from (select e.*, row_number() over(partition by source_destination order by flight_name desc) r_n from airline_details e) t where t.r_n=1;
+-----+-----+-----+-----+-----+-----+-----+
| flight_no | source_destination | flight_name | dep_time | arr_time | frequency | r_n |
+-----+-----+-----+-----+-----+-----+-----+
| 268 | bengaluru | SpiceJet | 23:40 | 01:00 | daily | 1 |
| 929 | delhi | Vistara | 21:20 | 06:05 | daily | 1 |
| 843 | goa | Vistara | 20:50 | 22:10 | daily | 1 |
| 869 | hyderabad | Vistara | 22:25 | 00:05 | daily | 1 |
| 950 | mumbai | Vistara | 21:55 | 00:10 | daily | 1 |
+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.011 sec)
```

☐ WHERE CLAUSE

1. Find the user who cancelled the ticket

```
select passenger_name, passenger_id, ticket_status from passenger_details where ticket_status='cancelled';
```

```
+-----+-----+-----+
| passenger_name | passenger_id | ticket_status |
+-----+-----+-----+
| satish more | 9 | cancelled |
| prashant singh | 14 | cancelled |
| anagha deshmunh | 15 | cancelled |
| alia bhatt | 19 | cancelled |
| aditya kapur | 20 | cancelled |
| purva borse | 25 | cancelled |
| faisal shaikh | 32 | cancelled |
| suraj mandana | 33 | cancelled |
| vicky jain | 42 | cancelled |
| prakash bhaleroa | 43 | cancelled |
+-----+-----+-----+
10 rows in set (0.000 sec)
```

2. Find the user who cancelled the ticket and got refund

```
select user_id, payment_id, amount_status from payment_details where amount_status='refund';
```

```
MariaDB [AIRLINES_PROJECT]> select user_id, payment_id, amount_status from payment_details where amount_status='refund';
```

user_id	payment_id	amount_status
14	1014	refund
19	1019	refund
20	1020	refund
32	1032	refund
33	1033	refund

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

3. Find the user who cancelled the ticket and still waiting for refund.

select user_id, payment_id, amount_status from payment_details where amount_status='pending';

```
MariaDB [AIRLINES_PROJECT]> select user_id, payment_id, amount_status from payment_details where amount_status='pending';
```

user_id	payment_id	amount_status
15	1015	pending
25	1025	pending

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

☐ DISTINCT

Find the name of the flight available

select distinct flight_name from airline_details;

```
MariaDB [AIRLINES_PROJECT]> select distinct flight_name from airline_details;
```

flight_name
Air india express
SpiceJet
Akasa Air
IndiGo
Vistara
Air India
Alliance Air

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