**AirLines Reservation System**

create table AirLines\_Customer

(

Username varchar(50) NOT NULL,

Password varchar(50),

FirstName varchar(50),

LastName varchar(50),

Address varchar(100),

PhoneNo varchar(20) references Ticket(Ticket\_id),

EmailID varchar(50),

primary key(Username)

);

create table Ticket

(

Ticket\_id varchar(20) NOT NULL,

Ticket\_Status varchar(20) NOT NULL,

primary key(Ticket\_id)

);

create table Administrator

(

Username varchar(20) NOT NULL,

Password varchar(20),

primary key(Username)

);

create table Flight

(

Flight\_NO varchar(20) NOT NULL,

Departure varchar(50),

Destination varchar(50),

Departure\_Time varchar(50),

Destination\_Time varchar(50),

Price int,

Class varchar(50),

primary key(Flight\_NO)

);

create table State\_AirLines

(

AirLines\_Name varchar(50) NOT NULL,

Rating varchar(20) NOT NULL,

Flight\_NO varchar(20) references Flight(Flight\_NO)

);

**Insert Administrator table values -->**

insert into Administrator values('user1','user1@1234');

insert into Administrator values('user2','user2@1234');

insert into Administrator values('user3','user3@1234');

insert into Administrator values('user4','user4@1234');

insert into Administrator values('user5','user5@1234');

SELECT \* FROM airlines.administrator;

desc airlines.administrator;

**Insert Ticket table values -->**

insert into Ticket values('9812365489','Confirmed');

insert into Ticket values('9812365490','RAC');

insert into Ticket values('9812365491','Confirmed');

insert into Ticket values('9812365492','RAC');

insert into Ticket values('9812365493','Confirmed');

insert into Ticket values('9812365494','RAC');

insert into Ticket values('9812365495','Confirmed');

insert into Ticket values('9812365496','RAC');

insert into Ticket values('9812365497','Confirmed');

insert into Ticket values('9812365498','RAC');

insert into Ticket values('9812365499','Confirmed');

insert into Ticket values('9812365500','RAC');

insert into Ticket values('9812365501','Confirmed');

insert into Ticket values('9812365502','RAC');

insert into Ticket values('9812365503','Confirmed');

insert into Ticket values('9812365504','RAC');

insert into Ticket values('9812365505','Confirmed');

insert into Ticket values('9812365506','RAC');

insert into Ticket values('9812365507','Confirmed');

insert into Ticket values('9812365508','RAC');

insert into Ticket values('9812365509','Confirmed');

insert into Ticket values('9812365510','RAC');

insert into Ticket values('9812365511','Confirmed');

insert into Ticket values('9812365512','RAC');

insert into Ticket values('9812365513','Confirmed');

insert into Ticket values('9812365514','RAC');

insert into Ticket values('9812365515','Confirmed');

insert into Ticket values('9812365516','RAC');

insert into Ticket values('9812365517','Confirmed');

insert into Ticket values('9812365518','RAC');

insert into Ticket values('9812365519','Confirmed');

insert into Ticket values('9812365520','RAC');

insert into Ticket values('9812365521','Confirmed');

insert into Ticket values('9812365522','RAC');

insert into Ticket values('9812365523','Confirmed');

insert into Ticket values('9812365524','RAC');

insert into Ticket values('9812365525','Confirmed');

insert into Ticket values('9812365526','RAC');

insert into Ticket values('9812365527','Confirmed');

insert into Ticket values('9812365528','RAC');

insert into Ticket values('9812365529','Confirmed');

insert into Ticket values('9812365530','RAC');

insert into Ticket values('9812365531','Confirmed');

insert into Ticket values('9812365532','RAC');

insert into Ticket values('9812365533','Confirmed');

SELECT \* FROM airlines.ticket;

desc airlines.ticket;

**Insert Airlines\_Customer table values -->**

insert into AirLines\_Customer values('Risher123','risher@li123','Risher','Ali','Baguiati','9812365489','risherali@gmail.com');

insert into AirLines\_Customer values('pksinha123','pksinha#123','Pratik','Sinha','Salt Lake','9812365490','pratikksinha@gmail.com');

insert into AirLines\_Customer values('pkmalakar567','pkmalakar1234','Pritam','Malakar','Baguiati','9812365491','pritammalakar@gmail.com');

insert into AirLines\_Customer values('shamikb420','shamikb@123','Shamik','Banerjee','Kestopur','9812365492','shamikbanerjee@gmail.com');

insert into AirLines\_Customer values('shatabdi720','shatabdi@das123','Shatabdi','Das','Baguihati','9812365493','shatabdidas@gmail.com');

insert into AirLines\_Customer values('shreyasi420','shreyasi@12345','Shreyasi','Das','Chinar Park','9812365494','shreyasidas@gmail.com');

insert into AirLines\_Customer values('sahil021','sahil@102','Sahil','Roy','Newtown','9812365495','sahilroy21@gmail.com');

insert into AirLines\_Customer values('indrani439','indrani@12345','Indrani','Sen','Park Circus','9812365496','indraniroy@gmail.com');

insert into AirLines\_Customer values('dia321','dia@123','Dia','Kundu','Saltlake','9812365497','diakundu10@gmail.com');

insert into AirLines\_Customer values('sonali012','sonali@543','Sonali','Das','Baghajatin','9812365498','sonalidas@gmail.com');

insert into AirLines\_Customer values('rahul407','rahul@145','Rahul','Ghosh','Joramandir','9812365499','rahulghosh31@gmail.com');

insert into AirLines\_Customer values('vikram877','vikram@1245','Vikram','Sen','Chinar Park','9812365500','vikramsen@gmail.com');

insert into AirLines\_Customer values('papia397','papia@12345','Papia','Chatterjee','Ultadanga','9812365501','papiachatterjee40@gmail.com');

insert into AirLines\_Customer values('rohit128','Rohit@198','Rohit','Das','Saltlake','9812365502','rohitdas36@gmail.com');

insert into AirLines\_Customer values('sanjay710','sanjay@12345','Sanjay','Dutta','Behala','9812365503','sanjaydutta@gmail.com');

insert into AirLines\_Customer values('ruble473','ruble@035','Ruble','Roy','Kestopur','9812365504','rubleroy07@gmail.com');

insert into AirLines\_Customer values('aditya112','aditya@12345','Aditya','Das','Baguihati','9812365505','adityadas@gmail.com');

insert into AirLines\_Customer values('nikhil','nikhil@123','Nikhil','Roy','Newtown','9812365506','nikhilroy987@gmail.com');

insert into AirLines\_Customer values('david','david@12345','David','DSouza','Park Street','9812365507','davidds36@gmail.com');

insert into AirLines\_Customer values('niharika','niharika@123','Niharika','Chatterjee','Newtown','9812365508','niharikachatter987@gmail.com');

insert into AirLines\_Customer values('kajal','kajal@1234','Kajal','Sinha','Ultadanga','9812365509','kajalsinha68@gmail.com');

insert into AirLines\_Customer values('yash','yash@282','Yash','Mondal','Newtown','9812365510','yashmondal987@gmail.com');

insert into AirLines\_Customer values('priya','priya@1423','Priya','Kundu','Saltlake','9812365511','priyamondal7@gmail.com');

insert into AirLines\_Customer values('rajdeep','rajdeep@123','Rajdeep','Gupta','Behala','9812365512','rajdeepgupta98@gmail.com');

insert into AirLines\_Customer values('shreya','shreya@810','Shreya','Roy','Beleghata','9812365513','shreyaroy101@gmail.com');

insert into AirLines\_Customer values('gaurav','gaurav@287','Gaurav','Guha','Newtown','9812365514','gauravguha417@gmail.com');

insert into AirLines\_Customer values('manali','manali@972','Manali','Saha','Laketown','9812365515','manalisaha@gmail.com');

insert into AirLines\_Customer values('rupsha','rupsha@655','Rupsha','Roy','Kasba','9812365516','rupsharoy035@gmail.com');

insert into AirLines\_Customer values('raja','raja@877','Raja','Kundu','Newtown','9812365517','rajakundu47@gmail.com');

insert into AirLines\_Customer values('nilima','nilima@123','Nilima','Sen','Laketown','9812365518','nilimasen97@gmail.com');

insert into AirLines\_Customer values('joy','joy@127','Joy','Das','Beleghata','9812365519','joydas033@gmail.com');

insert into AirLines\_Customer values('deboshree','deboshree@386','Deboshree','Sinha','Ultadanga','9812365520','deboshreesinha@gmail.com');

insert into AirLines\_Customer values('priyanka','priyanka@657','Priyanka','Roy','Newtown','9812365521','priyankaroy987@gmail.com');

insert into AirLines\_Customer values('abhishek','abhishek@744','Abhishek','Guha','Park Street','9812365522','abhishekguha079@gmail.com');

insert into AirLines\_Customer values('amit','amit@780','Amit','Gupta','Behala','9812365523','amitgupta@gmail.com');

insert into AirLines\_Customer values('gautam','gautam@452','Gautam','Sen','Ultadanga','9812365524','gautamsen147@gmail.com');

insert into AirLines\_Customer values('mampi','mampi@876','Mampi','Das','Laketown','9812365525','mampidas@gmail.com');

insert into AirLines\_Customer values('sourav','souravl@923','Sourav','Roy','Newtown','9812365526','souravroy917@gmail.com');

insert into AirLines\_Customer values('jishu','jishu@129','Jishu','Sinha','Jadavpur','9812365527','jishusinha887@gmail.com');

insert into AirLines\_Customer values('sneha','sneha@171','Sneha','Bose','Baghajatin','9812365528','snehabose@gmail.com');

insert into AirLines\_Customer values('sandipan','sandipan@123','Sandipan','Ghosh','Park Circus','9812365529','sandipanghosh777@gmail.com');

insert into AirLines\_Customer values('asish','asish@973','Asish','Das','Beleghata','9812365530','asishdas390@gmail.com');

insert into AirLines\_Customer values('souvik','souvik@123','Souvik','Bose','Saltlake','9812365531','souvikbose1390@gmail.com');

insert into AirLines\_Customer values('jeet','jeet@168','Jeet','Guha','Beleghata','9812365532','jeetguha371@gmail.com');

insert into AirLines\_Customer values('malini','malini@123','Malini','Sen','Jadavpur','9812365533','malinisen320@gmail.com');

SELECT \* FROM airlines.airlines\_customer;

desc airlines.airlines\_customer;

**Insert Flight table values -->**

insert into Flight values('AI-320','Delhi','Kolkata','26-05-21, 10.35 am','26-05-21, 12.45 pm',8000,'Economy');

insert into Flight values('IN-786','Chandigarh','Kolkata','26-05-21, 13.35 pm','26-05-21, 16.35 pm',12000,'1st Class');

insert into Flight values('SP-450','Kolkata','Mumbai','26-05-21, 11.35 am','26-05-21, 2.55 pm',11000,'1st Class');

insert into Flight values('IN-3210','Srinagar','Kolkata','26-05-21, 11.35 am','26-05-21, 1.25 pm',12000,'Economy');

insert into Flight values('AI-360','Delhi','Indore','26-05-21, 10.35 am','26-05-21, 11.55 pm',6000,'Business Class');

insert into Flight values('VI-120','Pudicherri','Kolkata','26-05-21, 10.05 am','26-05-21, 12.55 pm',11000,'Economy');

insert into Flight values('QA-165','Qatar','Mumbai','26-05-21, 10.35 am','26-05-21, 01.45 pm',16000,'Economy');

insert into Flight values('JET-185','Delhi','Bangaluru','26-05-21, 09.35 am','26-05-21, 11.35 am',5000,'Economy');

insert into Flight values('JET-125','Mumbai','Kolkata','28-05-21, 12.35 pm','28-05-21, 02.45 pm',6000,'Economy');

insert into Flight values('JET-152','Chennai','Goa','26-05-21, 08.35 am','26-05-21, 10.05 am',7000,'Economy');

insert into Flight values('JET-105','Bhubaneswar','Chennai','27-05-21, 10.35 am','27-05-21, 12.05 pm',6000,'Economy');

insert into Flight values('JET-209','Pandicheri','Kolkata','29-05-21, 11.00 am','29-05-21, 01.35 pm',4500,'Economy');

insert into Flight values('JET-168','Dehradun','Mumbai','29-05-21, 08.35 am','29-05-21, 10.05 am',5000,'Economy');

insert into Flight values('JET-230','Delhi','Assam','30-05-21, 11.35 am','30-05-21, 02.05 pm',11000,'Business');

insert into Flight values('JET-267','Kolkata','Mumbai','28-05-21, 04.35 am','28-05-21, 06.45 am',5800,'Economy');

insert into Flight values('JET-174','Goa','Kolkata','27-05-21, 02.35 pm','27-05-21, 05.00 pm',7000,'Economy');

insert into Flight values('JET-208','Delhi','Leh','26-05-21, 09.30 am','26-05-21, 11.15 am',8000,'Economy');

insert into Flight values('QA-169','Chennai','Mumbai','26-05-21, 10.35 am','26-05-21, 12.45 pm',16000,'Economy');

insert into Flight values('QA-145','Delhi','Doha','26-05-21, 9.35 am','26-05-21, 12.00 pm',14000,'Economy');

insert into Flight values('QA-136','NY','California','27-05-21, 12.35 am','27-05-21, 3.45 am',22000,'Economy');

insert into Flight values('QA-192','Doha','Mumbai','27-05-21, 11.35 am','27-05-21, 02.00 pm',15000,'Economy');

insert into Flight values('QA-103','Las Vegas','NY','26-05-21, 3.35 am','26-05-21, 06.45 am',25000,'Economy');

insert into Flight values('QA-101','Bangaluru','Dubai','28-05-21, 8.35 am','28-05-21, 11.45 am',27000,'Business Class');

insert into Flight values('QA-189','Hyderabad','Mumbai','28-05-21, 1.35 am','28-05-21, 02.45 am',11000,'Economy');

insert into Flight values('QA-147','Capetown','Dubai','29-05-21, 4.35 am','29-05-21, 09.55 am',14500,'Economy');

insert into Flight values('QA-110','Delhi','Mumbai','29-05-21, 12.35 am','29-05-21, 02.00 am',10000,'Economy');

insert into Flight values('AI-323','Delhi','Bangaluru','26-05-21, 10.35 am','26-05-21, 12.45 pm',8000,'Economy');

insert into Flight values('AI-340','Mumbai','Kolkata','26-05-21, 09.35 am','26-05-21, 10.55 am',7000,'Economy');

insert into Flight values('AI-312','Dehradun','Kolkata','29-05-21, 11.35 am','29-05-21, 02.05 pm',6500,'Economy');

insert into Flight values('AI-304','Delhi','Bagdogra','27-05-21, 10.35 am','27-05-21, 12.30 pm',8000,'Economy');

insert into Flight values('AI-370','Hyderabad','Chandigarh','26-05-21, 02.35 pm','26-05-21, 04.00 pm',9000,'Economy');

insert into Flight values('AI-310','Bhopal','Delhi','29-05-21, 10.35 am','29-05-21, 12.57 pm',7400,'Economy');

insert into Flight values('AI-333','Goa','Kolkata','24-05-21, 08.35 am','24-05-21, 10.25 am',6800,'Economy');

insert into Flight values('AI-325','Srinagar','Kolkata','27-05-21, 10.35 am','27-05-21, 12.45 pm',8000,'Economy');

insert into Flight values('IN-706','Kolkata','Chennai','26-05-21, 02.35 pm','26-05-21, 04.35 pm',12000,'1st Class');

insert into Flight values('IN-731','Leh','Delhi','27-05-21, 09.35 am','27-05-21, 11.05 am',12000,'1st Class');

insert into Flight values('IN-798','Kathmandu','Mumbai','27-05-21, 03.35 pm','27-05-21, 06.35 pm',15000,'1st Class');

insert into Flight values('IN-754','Bangaluru','Bagdogra','28-05-21, 11.35 am','28-05-21, 02.00 pm',10000,'Business Class');

insert into Flight values('IN-721','Dehradun','Chennai','29-05-21, 01.35 pm','29-05-21, 04.35 pm',12000,'1st Class');

insert into Flight values('IN-787','Kolkata','Guwahati','29-05-21, 06.35 am','29-05-21, 08.15 am',6000,'Economy');

insert into Flight values('IN-797','Pune','Hyderabad','30-05-21, 12.35 pm','30-05-21, 01.55 pm',5700,'Economy');

insert into Flight values('IN-716','Lucknow','Kolkata','30-05-21, 01.45 pm','30-05-21, 03.30 pm',6200,'Economy');

insert into Flight values('VI-107','Varanasi','Hyderabad','26-05-21, 10.05 am','26-05-21, 12.55 pm',11000,'Economy');

insert into Flight values('VI-122','Goa','Mumbai','26-05-21, 11.25 am','26-05-21, 12.55 pm',7000,'Economy');

insert into Flight values('VI-110','Mysore','Kolkata','27-05-21, 01.05 pm','27-05-21, 02.55 pm',9000,'Economy');

insert into Flight values('VI-127','Pudicherri','Pune','27-05-21, 10.45 am','27-05-21, 01.55 pm',12000,'Economy');

insert into Flight values('VI-109','Surat','Bhopal','27-05-21, 10.05 am','27-05-21, 12.55 pm',7600,'Economy');

insert into Flight values('VI-182','Shimla','Delhi','28-05-21, 09.05 am','28-05-21, 10.15 am',5300,'Economy');

insert into Flight values('VI-136','Hyderabad','Kolkata','28-05-21, 10.15 am','28-05-21, 12.30 pm',8200,'Economy');

insert into Flight values('VI-121','Delhi','Surat','29-05-21, 10.05 am','29-05-21, 12.55 pm',8000,'Economy');

insert into Flight values('VI-178','Bhopal','Kolkata','29-05-21, 10.18 am','29-05-21, 12.35 pm',7200,'Economy');

insert into Flight values('SP-405','Dehradun','Kolkata','29-05-21, 11.35 am','29-05-21, 02.05 pm',6500,'Economy');

insert into Flight values('SP-468','Delhi','Bagdogra','27-05-21, 10.35 am','27-05-21, 12.30 pm',8000,'Economy');

insert into Flight values('SP-444','Goa','Mumbai','26-05-21, 11.25 am','26-05-21, 12.55 pm',7000,'Economy');

insert into Flight values('SP-404','Mysore','Kolkata','27-05-21, 01.05 pm','27-05-21, 02.55 pm',9000,'Economy');

insert into Flight values('SP-430','Lucknow','Kolkata','30-05-21, 01.45 pm','30-05-21, 03.30 pm',6200,'Economy');

insert into Flight values('SP-478','Delhi','Leh','26-05-21, 09.30 am','26-05-21, 11.15 am',8000,'Economy');

insert into Flight values('SP-497','Kathmandu','Mumbai','27-05-21, 03.35 pm','27-05-21, 06.35 pm',15000,'1st Class');

insert into Flight values('SP-401','Bangaluru','Bagdogra','28-05-21, 11.35 am','28-05-21, 02.00 pm',10000,'Business Class');

insert into Flight values('SP-480','Varanasi','Hyderabad','26-05-21, 10.05 am','26-05-21, 12.55 pm',11000,'Economy');

SELECT \* FROM airlines.flight;

desc airlines.flight;

**Insert State\_Airlines table values -->**

insert into State\_AirLines values('Indigo','5 star','IN-786');

insert into State\_AirLines values('Indigo','5 star','IN-3210');

insert into State\_AirLines values('SpiceJet','3.5 star','SP-450');

insert into State\_AirLines values('JetAirways','4 star','JET-185');

insert into State\_AirLines values('Vistara','3.5 star','VI-120');

insert into State\_AirLines values('Air India','4 star','AI-320');

insert into State\_AirLines values('Air India','4 star','AI-360');

insert into State\_AirLines values('Qatar','5 star','QA-165');

insert into State\_AirLines values('JetAirways','3.5 star','JET-125');

insert into State\_AirLines values('JetAirways','3 star','JET-152');

insert into State\_AirLines values('JetAirways','5 star','JET-105');

insert into State\_AirLines values('JetAirways','4.5 star','JET-209');

insert into State\_AirLines values('JetAirways','4 star','JET-168');

insert into State\_AirLines values('JetAirways','5 star','JET-230');

insert into State\_AirLines values('JetAirways','4 star','JET-267');

insert into State\_AirLines values('JetAirways','3 star','JET-174');

insert into State\_AirLines values('JetAirways','4 star','JET-208');

insert into State\_AirLines values('Qatar','4 star','QA-145');

insert into State\_AirLines values('Qatar','4.5 star','QA-136');

insert into State\_AirLines values('Qatar','5 star','QA-192');

insert into State\_AirLines values('Qatar','5 star','QA-169');

insert into State\_AirLines values('Qatar','4 star','QA-103');

insert into State\_AirLines values('Qatar','4.5 star','QA-101');

insert into State\_AirLines values('Qatar','5 star','QA-189');

insert into State\_AirLines values('Qatar','4 star','QA-147');

insert into State\_AirLines values('Qatar','5 star','QA-110');

insert into State\_AirLines values('Air India','5 star','AI-323');

insert into State\_AirLines values('Air India','3 star','AI-340');

insert into State\_AirLines values('Air India','4 star','AI-312');

insert into State\_AirLines values('Air India','3.5 star','AI-304');

insert into State\_AirLines values('Air India','3 star','AI-370');

insert into State\_AirLines values('Air India','5 star','AI-310');

insert into State\_AirLines values('Air India','3 star','AI-333');

insert into State\_AirLines values('Air India','4 star','AI-325');

insert into State\_AirLines values('Indigo','4 star','IN-706');

insert into State\_AirLines values('Indigo','4.5 star','IN-731');

insert into State\_AirLines values('Indigo','5 star','IN-798');

insert into State\_AirLines values('Indigo','4 star','IN-754');

insert into State\_AirLines values('Indigo','3.5 star','IN-721');

insert into State\_AirLines values('Indigo','5 star','IN-787');

insert into State\_AirLines values('Indigo','5 star','IN-797');

insert into State\_AirLines values('Indigo','4.5 star','IN-716');

insert into State\_AirLines values('Vistara','4.5 star','VI-107');

insert into State\_AirLines values('Vistara','5 star','VI-122');

insert into State\_AirLines values('Vistara','4 star','VI-110');

insert into State\_AirLines values('Vistara','3.5 star','VI-127');

insert into State\_AirLines values('Vistara','4 star','VI-109');

insert into State\_AirLines values('Vistara','4.5 star','VI-182');

insert into State\_AirLines values('Vistara','5 star','VI-136');

insert into State\_AirLines values('Vistara','5 star','VI-121');

insert into State\_AirLines values('Vistara','4.5 star','VI-178');

insert into State\_AirLines values('SpiceJet','4.5 star','SP-405');

insert into State\_AirLines values('SpiceJet','4 star','SP-468');

insert into State\_AirLines values('SpiceJet','3.5 star','SP-444');

insert into State\_AirLines values('SpiceJet','4.5 star','SP-404');

insert into State\_AirLines values('SpiceJet','5 star','SP-430');

insert into State\_AirLines values('SpiceJet','4 star','SP-478');

insert into State\_AirLines values('SpiceJet','4.5 star','SP-497');

insert into State\_AirLines values('SpiceJet','5 star','SP-401');

insert into State\_AirLines values('SpiceJet','4 star','SP-480');select \* from Airlines\_2nd;

SELECT \* FROM AirLines.State\_AirLines;

desc AirLines.State\_AirLines;

***SQL QUERIES 🡪🡪***

select a.firstname,a.lastname,a.phoneno,t.ticket\_status from AirLines\_Customer a INNER JOIN Ticket t ON a.phoneno=t.ticket\_id;

select a.firstname,a.lastname,a.phoneno,t.ticket\_status from AirLines\_Customer a INNER JOIN Ticket t ON a.phoneno=t.ticket\_id and t.ticket\_status='CONFIRMED';

select a.firstname,a.lastname,a.phoneno,t.ticket\_status from AirLines\_Customer a INNER JOIN Ticket t ON a.phoneno=t.ticket\_id and t.ticket\_status='rac';

select distinct(lastname) from Airlines\_customer;

select \* from State\_AirLines where AirLines\_Name='Indigo';

select \* from State\_AirLines where AirLines\_Name='Spicejet';

select a.AirLines\_Name,f.Flight\_NO, f.Departure, f.Destination, f.Departure\_Time, f.Destination\_Time, f.Price from State\_AirLines a,Flight f where a.Flight\_NO=f.Flight\_No;

select a.AirLines\_Name,f.Flight\_NO, f.Departure, f.Destination, f.Departure\_Time, f.Destination\_Time, f.Price from State\_AirLines a,Flight f where a.Flight\_NO=f.Flight\_No and a.AirLines\_Name='Spicejet';

select a.AirLines\_Name,f.Flight\_NO, f.Departure, f.Destination, f.Departure\_Time, f.Destination\_Time, f.Price from State\_AirLines a,Flight f where a.Flight\_NO=f.Flight\_No and a.AirLines\_Name='Qatar';

select a.AirLines\_Name,f.Flight\_NO, f.Departure, f.Destination, f.Departure\_Time, f.Destination\_Time, f.Price from State\_AirLines a,Flight f where a.Flight\_NO=f.Flight\_No and f.Destination='Kolkata';

select a.AirLines\_Name,f.Flight\_NO, f.Departure, f.Destination, f.Departure\_Time, f.Destination\_Time, f.Price from State\_AirLines a,Flight f where a.Flight\_NO=f.Flight\_No and f.Departure='Kolkata';

select f.Destination,count(\*) from State\_AirLines a,Flight f where a.Flight\_NO=f.Flight\_No group by f.Departure;

select f.Destination,count(\*) from State\_AirLines a,Flight f where a.Flight\_NO=f.Flight\_No group by f.Destination;

select t.Ticket\_id,t.Ticket\_status,ac.firstName,ac.EmailId from Ticket t,AirLines\_Customer ac where t.ticket\_id=ac.phoneno;

select t.Ticket\_id,t.Ticket\_status,ac.firstName,ac.EmailId from Ticket t,AirLines\_Customer ac where t.ticket\_id=ac.phoneno and t.ticket\_status='Rac';

select t.Ticket\_id,t.Ticket\_status,ac.firstName,ac.EmailId from Ticket t,AirLines\_Customer ac where t.ticket\_id=ac.phoneno and t.ticket\_status='Confirmed';

select t.Ticket\_id,t.Ticket\_status,ac.firstName,ac.EmailId from Ticket t,AirLines\_Customer ac where t.ticket\_id=ac.phoneno and t.ticket\_id='9812365491';

select count(\*) as Total\_No\_Customer from Ticket t where t.ticket\_status='Confirmed';

select count(\*) as Total\_No\_Customer from Ticket t where t.ticket\_status='Rac';

select ticket\_status,count(\*) as Total\_No\_Customer from Ticket t group by t.ticket\_status;

select a.username,a.firstname,a.lastname,t.ticket\_status from Ticket t INNER JOIN AirLines\_Customer a ON t.ticket\_id=a.phoneno and t.ticket\_status in('Confirmed','RAC') and a.username like 'sh%';

select a.username,a.firstname,a.lastname,t.ticket\_status from Ticket t INNER JOIN AirLines\_Customer a ON t.ticket\_id=a.phoneno and t.ticket\_status in('Confirmed','RAC') and a.username like 'sh%' order by a.username desc;

select \* from Flight where departure='Kolkata';

select \* from Flight where destination\_time like '26-05-21%';

select Departure,count(\*) from Flight group by Departure order by departure asc;

select Departure,destination,count(\*) from Flight group by Departure,Destination order by departure asc;

select \* from Flight where Departure\_time ='26-05-21, 10.35 am';

select \* from Flight where Departure\_time ='26-05-21, 10.35 am' and destination\_time='26-05-21, 12.45 pm';

select \* from Flight where Flight\_No like 'AI%';

select \* from Flight where Flight\_No like 'AI%' and departure\_time like '26-05-21%';

select a.airlines\_name,count(\*) from Flight f INNER JOIN State\_Airlines a ON f.flight\_no=a.flight\_no group by a.airlines\_name;

select a.airlines\_name,f.departure\_time,count(\*) as ON\_Date from Flight f INNER JOIN State\_Airlines a ON f.flight\_no=a.flight\_no and f.departure\_time like '26-05-21%' group by a.airlines\_name,f.departure\_time ;

select \* from Flight where destination='Chennai';

select \*from Flight where destination in('Kolkata','Chennai');

select Airlines\_name,count(\*) from Flight f INNER JOIN State\_Airlines a ON f.flight\_no=a.flight\_no and destination in ('Kolkata','Chennai') group by Airlines\_Name;

select Airlines\_name,departure,destination,count(\*) from Flight f INNER JOIN State\_Airlines a ON f.flight\_no=a.flight\_no and destination in ('Kolkata','Chennai') group by Airlines\_Name,destination,departure;

select Airlines\_name,departure,destination,count(\*) from Flight f INNER JOIN State\_Airlines a ON f.flight\_no=a.flight\_no and destination in ('Kolkata','Chennai') group by Airlines\_Name,destination,departure having count(\*)>1;

select Airlines\_name,departure,destination,departure\_time,count(\*) from Flight f INNER JOIN State\_Airlines a ON f.flight\_no=a.flight\_no group by Airlines\_Name,destination,departure,departure\_time;

select Airlines\_name,departure,destination,departure\_time,count(\*) from flight f INNER JOIN state\_airlines a ON f.flight\_no=a.flight\_no group by Airlines\_Name,destination,departure,departure\_time having count(\*)>1;

select Airlines\_name,departure,destination,departure\_time,count(\*) from flight f INNER JOIN state\_airlines a ON f.flight\_no=a.flight\_no group by Airlines\_Name,destination,departure,departure\_time order by airlines\_name asc;

update flight set Destination='Cheanni' where flight\_no='AI-320';

select distinct(flight\_no) from flight;

select destination,count(\*) from flight group by destination having destination <> (select distinct(destination) from flight);