

- DROP DATABASE IF EXISTS AIRWAYS;
CREATE DATABASE IF NOT EXISTS AIRWAYS;

- **Airport**

- DROP TABLE IF EXISTS AIRWAYS.AIRPORT;
CREATE TABLE AIRWAYS.AIRPORT
(AIRPORTID bigint(4) NOT NULL,AIRPORTNAME varchar(255) NOT NULL,LOCATION varchar(255) NOT NULL,SSN bigint(10) NOT NULL,EMPLOYEEID bigint(7) NOT NULL,FLIGHTNUMBER bigint(5) NOT NULL, PRIMARY KEY(AIRPORTID),FOREIGN KEY(SSN) REFERENCES EMPLOYEE(SSN),FOREIGN KEY(EMPLOYEEID) REFERENCES EMPLOYEE(EMPLOYEEID),FOREIGN KEY(FLIGHTNUMBER) REFERENCES FLIGHT(FLIGHTNUMBER));
- INSERT INTO AIRWAYS.AIRPORT (AIRPORTID, AIRPORTNAME, LOCATION, SSN, EMPLOYEEID)
VALUES ('01','ABC','INDIA','9999999999','7418529');
- INSERT INTO AIRWAYS.AIRPORT (AIRPORTID, AIRPORTNAME, LOCATION, SSN, EMPLOYEEID)
VALUES ('02','XYZ','USA','8888888888','7539514');
- INSERT INTO AIRWAYS.AIRPORT (AIRPORTID, AIRPORTNAME, LOCATION, SSN, EMPLOYEEID)
VALUES ('03','MNO','USA','7777777777','1258746');
- INSERT INTO AIRWAYS.AIRPORT (AIRPORTID, AIRPORTNAME, LOCATION, SSN, EMPLOYEEID)
VALUES ('04','PQR','CANADA','6666666666','7896325');
- INSERT INTO AIRWAYS.AIRPORT (AIRPORTID, AIRPORTNAME, LOCATION, SSN, EMPLOYEEID)
VALUES ('05','LMN','INDIA','9998887775','8547632');

AIRPORTID	AIRPORTNAME	LOCATION	SSN	EMPLOYEEID	FLIGHTNUMBER
1	ABC	INDIA	9999999999	7418529	0
2	XYZ	USA	8888888888	7539514	0
3	MNO	USA	7777777777	1258746	0
4	PQR	CANADA	6666666666	7896325	0
5	LMN	INDIA	9998887775	8547632	0

- **Card Details**

- DROP TABLE IF EXISTS AIRWAYS.CARDDetails;
CREATE TABLE AIRWAYS.CARDDetails
(CARDNUMBER bigint(12) NOT NULL,EXPIRATIONDATE date NOT NULL,CVV
bigint(4) NOT NULL,PAYMENTID bigint(10) NOT NULL, PRIMARY
KEY(CARDNUMBER),FOREIGN KEY(PAYMENTID) REFERENCES
PAYMENT(PAYMENTID));
- INSERT INTO AIRWAYS.CARDDetails (CARDNUMBER, EXPIRATIONDATE,
CVV, PAYMENTID)
VALUES ('00000000000001','2019-12-01','111','1112223330');
- INSERT INTO AIRWAYS.CARDDetails (CARDNUMBER, EXPIRATIONDATE,
CVV, PAYMENTID)
VALUES ('00000000000002','2024-11-01','222','4455332211');
- INSERT INTO AIRWAYS.CARDDetails (CARDNUMBER, EXPIRATIONDATE,
CVV, PAYMENTID)
VALUES ('00000000000003','2021-10-01','333','2233558844');
- INSERT INTO AIRWAYS.CARDDetails (CARDNUMBER, EXPIRATIONDATE,
CVV, PAYMENTID)
VALUES ('00000000000004','2022-09-01','444','6644402114');
- INSERT INTO AIRWAYS.CARDDetails (CARDNUMBER, EXPIRATIONDATE,
CVV, PAYMENTID)
VALUES ('00000000000005','2020-07-01','555','7788998877');

CARDNUMBER	EXPIRATIONDATE	CVV	PAYMENTID
1	2019-12-01	111	1112223330
2	2024-11-01	222	4455332211
3	2021-10-01	333	2233558844
4	2022-09-01	444	6644402114
5	2020-07-01	555	7788998877

- **Employee**

- DROP TABLE IF EXISTS AIRWAYS.EMPLOYEE;
CREATE TABLE AIRWAYS.EMPLOYEE
(SSN bigint(10) NOT NULL,EMPLOYEEID bigint(7) NOT NULL,NAME varchar(255)
NOT NULL,PHONENUMBER bigint(10) NOT NULL,EMAILID varchar(255) NOT
NULL, PRIMARY KEY(SSN));

- INSERT INTO AIRWAYS.EMPLOYEE (SSN, EMPLOYEEID, NAME, PHONENUMBER, EMAILID)
VALUES ('9999999999','7418529','ASHUTOSH','7897897897','ASHUTOSH@GMAIL.COM');
- INSERT INTO AIRWAYS.EMPLOYEE (SSN, EMPLOYEEID, NAME, PHONENUMBER, EMAILID)
VALUES ('8888888888','7539514','KENIL','4566545654','KENIL@GMAIL.COM');
- INSERT INTO AIRWAYS.EMPLOYEE (SSN, EMPLOYEEID, NAME, PHONENUMBER, EMAILID)
VALUES ('7777777777','1258746','YASH','1231231231','YASH@GMAIL.COM');
- INSERT INTO AIRWAYS.EMPLOYEE (SSN, EMPLOYEEID, NAME, PHONENUMBER, EMAILID)
VALUES ('6666666666','7896325','PARTH','7417417417','PARTH@GMAIL.COM');
- INSERT INTO AIRWAYS.EMPLOYEE (SSN, EMPLOYEEID, NAME, PHONENUMBER, EMAILID)
VALUES ('9998887775','8547632','TEJAS','9519519519','TEJAS@GMAIL.COM');

SSN	EMPLOYEEID	NAME	PHONENUMBER	EMAILID
9999999999	7418529	ASHUTOSH	7897897897	ASHUTOSH@GMAIL.COM
8888888888	7539514	KENIL	4566545654	KENIL@GMAIL.COM
7777777777	1258746	YASH	1231231231	YASH@GMAIL.COM
6666666666	7896325	PARTH	7417417417	PARTH@GMAIL.COM
9998887775	8547632	TEJAS	9519519519	TEJAS@GMAIL.COM

- **Flight**

- DROP TABLE IF EXISTS AIRWAYS.FLIGHT;
CREATE TABLE AIRWAYS.FLIGHT
(FLIGHTNUMBER bigint(5) NOT NULL, FLIGHTTYPE varchar(255) NOT NULL, CAPACITY bigint(3) NOT NULL, SSN bigint(10) NOT NULL, EMPLOYEEID bigint(7) NOT NULL, PRIMARY KEY(FLIGHTNUMBER), FOREIGN KEY(SSN) REFERENCES EMPLOYEE(SSN), FOREIGN KEY(EMPLOYEEID) REFERENCES EMPLOYEE(EMPLOYEEID));
- INSERT INTO AIRWAYS.FLIGHT (FLIGHTNUMBER, FLIGHTTYPE, CAPACITY, SSN, EMPLOYEEID)
VALUES ('00000','SMALL','500','9999999999','7418529');
- INSERT INTO AIRWAYS.FLIGHT (FLIGHTNUMBER, FLIGHTTYPE, CAPACITY, SSN, EMPLOYEEID)
VALUES ('00001','MEDIUM','700','8888888888','7539514');

- INSERT INTO AIRWAYS.FLIGHT (FLIGHTNUMBER, FLIGHTTYPE, CAPACITY, SSN, EMPLOYEEID)
VALUES ('00002','BIG','900','7777777777','1258746');
- INSERT INTO AIRWAYS.FLIGHT (FLIGHTNUMBER, FLIGHTTYPE, CAPACITY, SSN, EMPLOYEEID)
VALUES ('00003','SMALL','500','6666666666','7896325');
- INSERT INTO AIRWAYS.FLIGHT (FLIGHTNUMBER, FLIGHTTYPE, CAPACITY, SSN, EMPLOYEEID)
VALUES ('00004','BIG','900','9998887775','8547632');

FLIGHTNUMBER	FLIGHTTYPE	CAPACITY	SSN	EMPLOYEEID
0	SMALL	500	9999999999	7418529
1	MEDIUM	700	8888888888	7539514
2	BIG	900	7777777777	1258746
3	SMALL	500	6666666666	7896325
4	BIG	900	9998887775	8547632

- **Flight Schedule**

- DROP TABLE IF EXISTS AIRWAYS.FLIGHTSCHEDULE;
CREATE TABLE AIRWAYS.FLIGHTSCHEDULE
(ARRIVALTIME time NOT NULL,DEPARTURETIME time NOT NULL,ARRIVALLOCATION varchar(255) NOT NULL,DEPARTURELOCATION varchar(255) NOT NULL,FLIGHTNUMBER bigint(5) NOT NULL,FOREIGN KEY(FLIGHTNUMBER) REFERENCES FLIGHT(FLIGHTNUMBER));
- INSERT INTO AIRWAYS.FLIGHTSCHEDULE (ARRIVALTIME, DEPARTURETIME, ARRIVALLOCATION, DEPARTURELOCATION, FLIGHTNUMBER)
VALUES ('12:00:00','14:00:00','USA','INDIA','00000');
- INSERT INTO AIRWAYS.FLIGHTSCHEDULE (ARRIVALTIME, DEPARTURETIME, ARRIVALLOCATION, DEPARTURELOCATION, FLIGHTNUMBER)
VALUES ('13:00:00','15:00:00','INDIA','USA','00001');
- INSERT INTO AIRWAYS.FLIGHTSCHEDULE (ARRIVALTIME, DEPARTURETIME, ARRIVALLOCATION, DEPARTURELOCATION, FLIGHTNUMBER)
VALUES ('14:00:00','16:00:00','USA','LONDON','00002');
- INSERT INTO AIRWAYS.FLIGHTSCHEDULE (ARRIVALTIME, DEPARTURETIME, ARRIVALLOCATION, DEPARTURELOCATION, FLIGHTNUMBER)
VALUES ('15:00:00','17:00:00','AUSTRALIA','USA','00003');

- INSERT INTO AIRWAYS.FLIGHTSCHEDULE (ARRIVALTIME, DEPARTURETIME, ARRIVALLOCATION, DEPARTURELOCATION, FLIGHTNUMBER)
VALUES ('16:00:00','18:00:00','CANADA','LONDON','00004');

ARRIVALTIME	DEPARTURETIME	ARRIVALLOCATION	DEPARTURELOCATION	FLIGHTNUMBER
12:00:00	14:00:00	USA	INDIA	0
13:00:00	15:00:00	INDIA	USA	1
14:00:00	16:00:00	USA	LONDON	2
15:00:00	17:00:00	AUSTRALIA	USA	3
16:00:00	18:00:00	CANADA	LONDON	4

- **Passenger**

- DROP TABLE IF EXISTS AIRWAYS.PASSENGER;
CREATE TABLE AIRWAYS.PASSENGER
(SSN bigint(10) NOT NULL,Name varchar(255) NOT NULL,ADDRESS varchar(255) NOT NULL,EMAILID varchar(255) NOT NULL,PHONENUMBER bigint(10) NOT NULL,
PRIMARY KEY(SSN));
- INSERT INTO AIRWAYS.PASSENGER (SSN, NAME, ADDRESS, EMAILID, PHONENUMBER)
VALUES ('111111111','SAMIP','ARLINGTON','SAMIP@GMAIL.COM','1234567890');
- INSERT INTO AIRWAYS.PASSENGER (SSN, NAME, ADDRESS, EMAILID, PHONENUMBER)
VALUES
('222222222','NIRMIT','ARLINGTON','NIRMIT@GMAIL.COM','2345678901');
- INSERT INTO AIRWAYS.PASSENGER (SSN, NAME, ADDRESS, EMAILID, PHONENUMBER)
VALUES ('333333333','AASHU','DALLAS','AASHU@GMAIL.COM','3456789012');
- INSERT INTO AIRWAYS.PASSENGER (SSN, NAME, ADDRESS, EMAILID, PHONENUMBER)
VALUES
('444444444','ABHINN','AHMEDABAD','ABHINN@GMAIL.COM','4567890123');
- INSERT INTO AIRWAYS.PASSENGER (SSN, NAME, ADDRESS, EMAILID, PHONENUMBER)
VALUES ('555555555','AKSHIL','LONDON','AKHIL@GMAIL.COM','5678901234');

SSN	Name	ADDRESS	EMAILID	PHONENUMBER
1111111111	SAMIP	ARLINGTON	SAMIP@GMAIL.COM	1234567890
2222222222	NIRMIT	ARLINGTON	NIRMIT@GMAIL.COM	2345678901
3333333333	AASHU	DALLAS	AASHU@GMAIL.COM	3456789012
4444444444	ABHINN	AHMEDABAD	ABHINN@GMAIL.COM	4567890123
5555555555	AKSHIL	LONDON	AKHIL@GMAIL.COM	5678901234

- **Payment**

- DROP TABLE IF EXISTS AIRWAYS.PAYMENT;
CREATE TABLE AIRWAYS.PAYMENT
(PAYMENTID bigint(10) NOT NULL,PAYMENTAMOUNT bigint NOT NULL,SSN
bigint(10) NOT NULL,TICKETID bigint(7) NOT NULL, PRIMARY
KEY(PAYMENTID),FOREIGN KEY(SSN) REFERENCES PASSENGER(SSN),FOREIGN
KEY(TICKETID) REFERENCES TICKET(TICKETID));
- INSERT INTO AIRWAYS.PAYMENT (PAYMENTID, PAYMENTAMOUNT, SSN,
TICKETID)
VALUES ('1112223330','1000','1111111111','1234567');
- INSERT INTO AIRWAYS.PAYMENT (PAYMENTID, PAYMENTAMOUNT, SSN,
TICKETID)
VALUES ('4455332211','2000','2222222222','2345678');
- INSERT INTO AIRWAYS.PAYMENT (PAYMENTID, PAYMENTAMOUNT, SSN,
TICKETID)
VALUES ('2233558844','1500','3333333333','3456789');
- INSERT INTO AIRWAYS.PAYMENT (PAYMENTID, PAYMENTAMOUNT, SSN,
TICKETID)
VALUES ('6644402114','3000','4444444444','4567890');
- INSERT INTO AIRWAYS.PAYMENT (PAYMENTID, PAYMENTAMOUNT, SSN,
TICKETID)
VALUES ('7788998877','2500','5555555555','5678901');

PAYMENTID	PAYMENTAMOUNT	SSN	TICKETID
1112223330	1000	1111111111	1234567
4455332211	2000	2222222222	2345678
2233558844	1500	3333333333	3456789
6644402114	3000	4444444444	4567890
7788998877	2500	5555555555	5678901

- **Ticket**

- DROP TABLE IF EXISTS AIRWAYS.TICKET;
CREATE TABLE AIRWAYS.TICKET
(TICKETID bigint(7) NOT NULL, SEATNUMBER bigint(3) NOT NULL, SSN bigint(10) NOT NULL, FLIGHTNUMBER bigint(5) NOT NULL, PRIMARY KEY(TICKETID), FOREIGN KEY(SSN) REFERENCES PASSENGER(SSN), FOREIGN KEY(FLIGHTNUMBER) REFERENCES FLIGHT(FLIGHTNUMBER));
- INSERT INTO AIRWAYS.TICKET (TICKETID, SEATNUMBER, SSN, FLIGHTNUMBER)
VALUES ('1234567','123','1111111111','00000');
- INSERT INTO AIRWAYS.TICKET (TICKETID, SEATNUMBER, SSN, FLIGHTNUMBER)
VALUES ('2345678','456','2222222222','00001');
- INSERT INTO AIRWAYS.TICKET (TICKETID, SEATNUMBER, SSN, FLIGHTNUMBER)
VALUES ('3456789','789','3333333333','00002');
- INSERT INTO AIRWAYS.TICKET (TICKETID, SEATNUMBER, SSN, FLIGHTNUMBER)
VALUES ('4567890','963','4444444444','00003');
- INSERT INTO AIRWAYS.TICKET (TICKETID, SEATNUMBER, SSN, FLIGHTNUMBER)
VALUES ('5678901','741','5555555555','00004');

TICKETID	SEATNUMBER	SSN	FLIGHTNUMBER
1234567	123	1111111111	0
2345678	456	2222222222	1
3456789	789	3333333333	2
4567890	963	4444444444	3
5678901	741	5555555555	4