airline

```
AirlineReservation=# \d airline
                    Table "public.airline"
   Column   |          Type          | Collation | Nullable | Default
------------+------------------------+-----------+----------+---------
 airline_id | integer                |           | not null |
 name       | character varying(50)  |           | not null |
Indexes:
    "airline_pkey" PRIMARY KEY, btree (airline_id)
Referenced by:
    TABLE "airplane" CONSTRAINT "c9" FOREIGN KEY (airline_id) REFERENCES
airline(airline_id) ON UPDATE CASCADE ON DELETE CASCADE
```

airplane

```
AirlineReservation=# \d airplane
                    Table "public.airplane"
   Column   |          Type          | Collation | Nullable | Default
------------+------------------------+-----------+----------+---------
 plane_id   | integer                |           | not null |
 type       | character varying(50)  |           | not null |
 no_seats   | integer                |           | not null |
 airline_id | integer                |           | not null |
Indexes:
    "airplane_pkey" PRIMARY KEY, btree (plane_id)
Foreign-key constraints:
    "c9" FOREIGN KEY (airline_id) REFERENCES airline(airline_id) ON UPDATE
 CASCADE ON DELETE CASCADE
Referenced by:
    TABLE "flight" CONSTRAINT "flight_plane_id_fkey" FOREIGN KEY (plane_id
) REFERENCES airplane(plane_id) ON UPDATE CASCADE ON DELETE CASCADE
```

airport

```
AirlineReservation=# \d airport
                    Table "public.airport"
   Column   |          Type          | Collation | Nullable | Default
------------+------------------------+-----------+----------+--------
 airport_id | integer                |           | not null |
 city       | character varying(50)  |           | not null |
 country    | character varying(50)  |           | not null |
 name       | character varying(100) |           | not null |
Indexes:
    "airport_pkey" PRIMARY KEY, btree (airport_id)
Referenced by:
    TABLE "flight_airport" CONSTRAINT "flight_port_airport_id_fkey" FOREIG
N KEY (airport_id) REFERENCES airport(airport_id) ON UPDATE CASCADE ON DEL
ETE CASCADE
```

fare

```
AirlineReservation=# \d fare
                       Table "public.fare"
     Column       |          Type          | Collation | Nullable | Default
------------------+------------------------+-----------+----------+--------
 fare_type        | character varying(50)  |           | not null |
 condition        | character varying(100) |           | not null |
 fare_description | character varying(50)  |           | not null |
 price            | integer                |           | not null |
 max_weight       | integer                |           | not null |
Indexes:
    "fare_pkey" PRIMARY KEY, btree (fare_type)
Referenced by:
    TABLE "ticket" CONSTRAINT "ticket_fares_type_fkey" FOREIGN KEY (fare_type)
 REFERENCES fare(fare_type) ON UPDATE CASCADE ON DELETE CASCADE
```

flight

```
AirlineReservation=# \d flight
                      Table "public.flight"
    Column      |          Type          | Collation | Nullable | Default
----------------+------------------------+-----------+----------+---------
 flight_no      | integer                |           | not null |
 fromm          | character varying(50)  |           | not null |
 to0            | character varying(50)  |           | not null |
 class          | character varying(50)  |           | not null |
 departure_date | date                   |           | not null |
 arrival_date   | date                   |           | not null |
 no_passenger   | integer                |           | not null |
 r_no           | integer                |           | not null |
 plane_id       | integer                |           | not null |
Indexes:
    "flight_pkey" PRIMARY KEY, btree (flight_no)
Foreign-key constraints:
    "flight_plane_id_fkey" FOREIGN KEY (plane_id) REFERENCES airplane(plane_id
) ON UPDATE CASCADE ON DELETE CASCADE
    "flight_r_no_fkey" FOREIGN KEY (r_no) REFERENCES route(r_no) ON UPDATE CAS
CADE ON DELETE CASCADE
Referenced by:
    TABLE "ticket" CONSTRAINT "c6" FOREIGN KEY (flight_no) REFERENCES flight(f
light_no) ON UPDATE CASCADE ON DELETE CASCADE
    TABLE "flight_airport" CONSTRAINT "flight_port_flight_no_fkey" FOREIGN KEY
 (flight_no) REFERENCES flight(flight_no) ON UPDATE CASCADE ON DELETE CASCADE
```

Flight_airport

```
AirlineReservation=# \d flight_airport
              Table "public.flight_airport"
   Column   |  Type   | Collation | Nullable | Default
------------+---------+-----------+----------+---------
 flight_no  | integer |           | not null |
 airport_id | integer |           | not null |
Indexes:
    "flight_port_pkey" PRIMARY KEY, btree (flight_no, airport_id)

Foreign-key constraints:
    "flight_port_airport_id_fkey" FOREIGN KEY (airport_id) REFERE
NCES airport(airport_id) ON UPDATE CASCADE ON DELETE CASCADE
    "flight_port_flight_no_fkey" FOREIGN KEY (flight_no) REFERENC
ES flight(flight_no) ON UPDATE CASCADE ON DELETE CASCADE
```

Passenger

```
AirlineReservation=# \d passenger
                    Table "public.passenger"
 Column |          Type          | Collation | Nullable | Default
--------+------------------------+-----------+----------+---------
 p_id   | integer                |           | not null |
 fname  | character varying(100) |           | not null |
 lname  | character varying(100) |           | not null |
 sex    | character varying(1)   |           | not null |
 email  | character varying(100) |           | not null |
 b_date | date                   |           | not null |
 age    | integer                |           | not null |
Indexes:
    "passenger_pkey" PRIMARY KEY, btree (p_id)
Check constraints:
    "passenger_sex_check" CHECK (sex::text = ANY (ARRAY['F'::characte
r varying, 'M'::character varying]::text[]))
Referenced by:
    TABLE "p_telephone" CONSTRAINT "c5" FOREIGN KEY (p_id) REFERENCES
 passenger(p_id) ON UPDATE CASCADE ON DELETE CASCADE
    TABLE "ticket" CONSTRAINT "ticket_p_id_fkey" FOREIGN KEY (p_id) R
EFERENCES passenger(p_id) ON UPDATE CASCADE ON DELETE CASCADE
```

P_telephone

```
AirlineReservation=# \d p_telephone
              Table "public.p_telephone"
  Column    |  Type    | Collation | Nullable | Default
------------+----------+-----------+----------+---------
 p_id       | integer  |           | not null |
 telephone  | integer  |           | not null |
Indexes:
    "p_telephone_pkey" PRIMARY KEY, btree (p_id, telephone)
Foreign-key constraints:
    "c5" FOREIGN KEY (p_id) REFERENCES passenger(p_id) ON UPDATE CASC
ADE ON DELETE CASCADE
```

route

```
AirlineReservation=# \d route
                     Table "public.route"
 Column |         Type          | Collation | Nullable | Default
--------+-----------------------+-----------+----------+---------
 r_no   | integer               |           | not null |
 r_name | character varying(50) |           | not null |
Indexes:
    "route_pkey" PRIMARY KEY, btree (r_no)
Referenced by:
    TABLE "flight" CONSTRAINT "flight_r_no_fkey" FOREIGN KEY (r_no) R
EFERENCES route(r_no) ON UPDATE CASCADE ON DELETE CASCADE
```

ticket

```
AirlineReservation=# \d ticket
                    Table "public.ticket"
  Column   |          Type          | Collation | Nullable | Default
-----------+------------------------+-----------+----------+---------
 t_no      | integer                |           | not null |
 credit    | character varying(50)  |           | not null |
 debit     | character varying(50)  |           | not null |
 flight_no | integer                |           | not null |
 p_id      | integer                |           | not null |
 fare_type | character varying(50)  |           | not null |
Indexes:
    "ticket_pkey" PRIMARY KEY, btree (t_no)
Foreign-key constraints:
    "c6" FOREIGN KEY (flight_no) REFERENCES flight(flight_no) ON UPDA
TE CASCADE ON DELETE CASCADE
    "ticket_fares_type_fkey" FOREIGN KEY (fare_type) REFERENCES fare(
fare_type) ON UPDATE CASCADE ON DELETE CASCADE
    "ticket_p_id_fkey" FOREIGN KEY (p_id) REFERENCES passenger(p_id)
ON UPDATE CASCADE ON DELETE CASCADE
Triggers:
    no_passenger_up BEFORE INSERT OR DELETE ON ticket FOR EACH ROW EX
ECUTE FUNCTION no_passenger_update()
    ticket_audit AFTER INSERT OR DELETE OR UPDATE ON ticket FOR EACH
ROW EXECUTE FUNCTION do_ticket_audit()
```

```sql
create table passenger

(

p_id int primary key ,

fname varchar (100) NOT NULL,

lname varchar (100) NOT NULL,

sex varchar (1) CHECK(sex in('F','M')) NOT NULL,

email varchar (100) NOT NULL,

b_date date NOT NULL,

age int NOT NULL,

);


create table ticket

(

t_no int primary key ,

credit varchar(50) NOT NULL,

debit varchar(50) NOT NULL,

flight_no int NOT NULL,

p_id int NOT NULL,

fare_type varchar(50) NOT NULL

)


create table fare

(

fare_type varchar (50) NOT NULL,
```

```sql
price float NOT NULL,

condition varchar (100) NOT NULL,

max_weight int NOT NULL,

fare_description varchar (50) NOT NULL

)


create table flight

(

flight_no int primary key ,

fromm varchar (50) NOT NULL,

to0 varchar (50) NOT NULL,

class varchar (50) NOT NULL,

arrival_date date NOT NULL,

departure_date date NOT NULL,

no_passenger int NOT NULL,

r_no int NOT NULL,

plane_id NOT NULL

)


create table airplane

(

plane_id int primary key,

type varchar (50) NOT NULL,
```

```sql
no_seats int NOT NULL,

airline_id int NOT NULL

)




create table airline

(

airline_id int primary key,

name varchar (50) NOT NULL

)




create table airport

(

airport_id int primary key,

city varchar (50) NOT NULL,

country varchar (50) NOT NULL,

name varchar (100) NOT NULL

)
```

```sql
create table route
(
r_no int primary key,
r_name varchar (50) NOT NULL
)




create table p_Telephone
(
p_id int,
telephone int
constraint c1 primary key (p_id,telephone)
)




CREATE TABLE flight_airport
(
    flight_no integer NOT NULL,
    airport_id integer NOT NULL,
    PRIMARY KEY (flight_no, airport_id)
);
```

alter table airplane add foreign key(airline_id) references airline(airline_id) on update cascade on delete cascade;

alter table p_telephone add foreign key(p_id) references passenger(p_id) on update cascade on delete cascade;

alter table ticket add foreign key(p_id) references passenger(p_id) on update cascade on delete cascade;

alter table ticket add foreign key(fare_type) references fare(fare_type) on update cascade on delete cascade;

alter table ticket add foreign key(flight_no) references flight(flight_no) on update cascade on delete cascade;

alter table flight add foreign key(r_no) references route(r_no) on update cascade on delete cascade;

alter table flight add foreign key(plane_id) references airplane(plane_id) on update cascade on delete cascade;

alter table flight_airport add foreign key(flight_no) references flight(flight_no) on update cascade on delete cascade;

alter table flight_airport add foreign key(airport_id) references airport(airport_id) on update cascade on delete cascade;

insert into passenger(fname,lname,p_id,sex,b_date,email,age,ticket_no) values

('Aman','Walia',101,'M','2001-1-21','amanwalia@gmail.com',35, 131101),

('Amit','Mistry',102,'M','2001-4-23','amitmistry@gmail.com',34,705001),

('Ahmed','Gamal',103,'M','2002-2-7','ahmed@gmail.com',22,120201),

('Shina','William',104,'F','2001-11-13','willam@gmail.com',56,702002),

('clara','Chopra',105,'F','2001-5-7','chopraclera@gmail.com',39,210101),

('Adarsh','Suthar',106,'M','2001-3-3','adarshsuthar@gmail.com',42,280312),

('Ayush','Mahera',107,'M','2001-3-27','Aayushmahra@gmail.com',52,100999),

('Omakar','moustafa',108,'M','2001-2-2','omkar@gmail.com',26,200594),

('Darshan','Mohamed',109,'M','1966-6-10','mohmed@gmail.com',35,270310),

('Avika','Maheta',110,'F','1999-9-10','Avikamaheta@gmail.com',69,202001),

('Mannat','Parekh',111,'F','2001-1-22','parekh@gmail.com',53,131102),

('Abdul','Raheman',112,'M','2009-4-26','abdulraheman@gmail.com',75,705002),

('Ramy','Gamal',113,'M','1992-2-7','ramy@gmail.com',25,120202),

('Krish','Devendra',114,'M','1997-10-20','Devendrakrish@gmail.com',36,702003),

('Salma','Ahmed',115,'F','1998-5-20','salma@yahoo.com',58,210102),

('Omar','Ayman',116,'M','2010-12-4','omar55@gmail.com',23,280313),

('Mahi','Salim',117,'F','2019-3-27','Salimmahi@gmail.com',22,100990),

('Selim','Moustafa',118,'M','1997-2-2','selim5@gmail.com',18,200595),

('Mohamed','Fakir',119,'M','1971-6-10','mohamed@gmail.com',72,270315),

('Rana','hussein',120,'F','1989-9-10','ranahussein@gmail.com',55,202005);

insert into fare(fare_type,fare_description,condition,price,max_weight) values

('F','First Class','100% refund on cancellation',5000,40),

('P','First Class','80% refund on cancellation',4500,40),

('J','Business Class','75% refund on cancellation',4000,35),

('C','Business Class','80% refund on cancellation',4500,40),

('Y','economy tickets','50% refund on cancellation',3000,30),

('B','restricted or discount fares','90% refund on cancellation',4000,40),

('X','restricted or discount fares','100% refund on cancellation',3500,40),

('U','fare consolidators','75% refund on cancellation',2000,40),

('R','fare consolidators','75% refund on cancellation',3500,40);

insert into ticket(t_no,flight_no,debit,credit,p_id,fare_type) values

('131101',672015,'Y','N',101,'P'),

('705001',152305,'N','Y',102,'J'),

('120201',121234,'Y','N',103,'J'),

('702002',672015,'N','Y',104,'P'),

('210101',672015,'Y','N',105,'P'),

('280312',784367,'N','Y',106,'F'),

('100999',223056,'Y','N',107,'C'),

('200594',784567,'N','Y',108,'J'),

('202001',672015,'N','Y',110,'F'),

('702003',784567,'N','Y',114,'J'),

('210102',223056,'Y','N',115,'J'),

('280313',784567,'Y','N',116,'J'),

('100990',223056,'Y','N',117,'J'),

('200595',223056,'Y','N',118,'J'),

('270315',784567,'Y','N',119,'J'),

('202005',784567,'N','Y',120,'J');

insert into flight(flight_no, fromm, to0, class, Arrival_date,Departure_date ,no_passenger,plane_id,r_no)values

('672015','NEW YORK','DELHI','A','2021-09-30','2021-09-30',150,9155,4),

('152305','MAHARASHTRA','DELHI','B','2021-10-2','2021-10-2',200,9168,5),

('121234','HESSE','NEW YORK','A','2021-10-3','2021-10-2',160,9723,4),

('569876','CHANDIGARH','MAHARASHTRA','C','2021-10-1','2021-10-1',130,9165,2),

('561689','FLORIDA','CHANDIGARH','A','2021-10-5','2021-10-5',250,9235,2),

('784367','DELHI','NEW YORK','A','2021-10-12','2021-10-12',190,9875,1),

('561902','DELHI','FLORIDA','B','2021-10-10','2021-10-10',200,9023,3),

('223056','HESSE','DELHI','A','2021-10-20','2021-10-20',120,9033,4),

('569576','MAHARASHTRA','NEW YORK','C','2021-11-1','2021-11-1',130,9167,1),

('784567','HESSE','NEW YORK','A','2021-11-3','2021-11-2',190,9248,4);

insert into route(r_no,r_name)values

(1,'kentucky-Maharashtra-delhi-new york'),

(2,'florida-chandigarh-new york-texas-maharashtra'),

(3,'delhi-florida-texas-chandigarh'),

(4,'hesse-new york-california-delhi'),

(5,'maharashtra-Chandigarh-texas-delhi'),

(6,'california-Kentucky-Florida-new york');

```sql
insert into airport(name,city,country,airport_id) VALUES

('Louisville International Airport','Kentucky','United States',101),

('Chandigarh International Airport','Chandigarh','India',102),

('Dallas/Fort Worth International Airport','Texas','United States',103),

('Indira GandhiInternational Airport','Delhi','India',104),

('Chhatrapati Shivaji International Airport','Maharashtra','India',105),

('San Francisco International Airport','California', 'United States',106),

('Frankfurt Airport','Hesse','Germany',107),

('George Bush Intercontinental Airport','Texas','United States',108),

('John F. Kennedy International Airport','New York','United States',109),

('Tampa International Airport','Florida', 'United States',110);




insert into airline (name,airline_id) values

('American Airlines',001),

('Air India Limited',098),

('Lufthansa',220),

('British Airways',125),

('Qatar Airways',157),

('Jet Airways',589),

('Emirates Airlines',176),

('Ethiad Airways',607),

('Egypt Airlines',118),
```

('Kuwait Airlines',578),

('El jezira Airlines',854),

('Turkish Airlines',486),

('Omaneya Airlines',008),

('Jordan Airlines',879),

('Singapore Airlines',123);

insert into airplane (plane_id,type,no_seats,airline_id)values

(9023,'Airbus A380',100,001),

(9033,'Airbus A380',100,098),

(9723,'Airbus A380',100,220),

(9167,'Boeing 747-8',300,125),

(9165,'Boeing 747-8',400,157),

(9168,'Boeing 737 NG/737 MAX',350,589),

(9155,'Supermarine Spitfire',150,879),

(9248,'Lockheed SR-71 Blackbird',200,008),

(9875,'Cirrus SR22',250,879),

(9235,'Lockheed C-130',200,854);

insert into p_Telephone(p_id,telephone) values

(112,1234556789),

(115,1134565788),

(113,1234567757),

(102,1234567587),

(119,1234567555),

(105,1234567856),

(119,1034567585),

(108,1234567665),

(113,1534567854),

(106,1234567454),

(115,1134556783),

(113,1234567225),

(120,1034565782),

(112,1234567050),

(101,1234565781),

(107,1134565780),

(112,1010556789),

(106,1213555667),

(116,1213555567),

(118,1200250754),

(104,1125355474),

(113,1125355424),

(107,1123532525),

(103,1149205171),

(102,1066465152),

(107,1066545512),

(113,1202024355),

(111,1145552582),

(106,1236355440)

insert into flight_airport (flight_no,airport_id) values

(121234,107),

(152305,105),

(223056,107),

(561689,110),

(561902,104),

(569876,102),

(569576,105),

(672015,109),

(784367,104),

(784567,107);

```
AirlineReservation=# select * from passenger;
 p_id |  fname  |  lname   | sex |          email           |  b_date    | age
------+---------+----------+-----+--------------------------+------------+-----
  101 | Aman    | Walia    | M   | amanwalia@gmail.com      | 2001-01-21 |  20
  102 | Amit    | Mistry   | M   | amitmistry@gmail.com     | 2001-04-23 |  20
  103 | Ahmed   | Gamal    | M   | ahmed@gmail.com          | 2002-02-07 |  19
  104 | Shina   | William  | F   | willam@gmail.com         | 2001-11-13 |  20
  105 | clara   | Chopra   | F   | chopraclera@gmail.com    | 2001-05-07 |  20
  106 | Adarsh  | Suthar   | M   | adarshsuthar@gmail.com   | 2001-03-03 |  20
  107 | Ayush   | Mahera   | M   | Aayushmahra@gmail.com    | 2001-03-27 |  20
  108 | Omakar  | moustafa | M   | omkar@gmail.com          | 2001-02-02 |  20
  109 | Darshan | Mohamed  | M   | mohmed@gmail.com         | 1966-06-10 |  55
  110 | Avika   | Maheta   | F   | Avikamaheta@gmail.com    | 1999-09-10 |  22
  111 | Mannat  | Parekh   | F   | parekh@gmail.com         | 2001-01-22 |  20
  112 | Abdul   | Raheman  | M   | abdulraheman@gmail.com   | 2009-04-26 |  12
  113 | Ramy    | Gamal    | M   | ramy@gmail.com           | 1992-02-07 |  29
  114 | Krish   | Devendra | M   | Devendrakrish@gmail.com  | 1997-10-20 |  24
  115 | Salma   | Ahmed    | F   | salma@yahoo.com          | 1998-05-20 |  23
  116 | Omar    | Ayman    | M   | omar55@gmail.com         | 2010-12-04 |  11
  117 | Mahi    | Salim    | F   | Salimmahi@gmail.com      | 2019-03-27 |   2
  118 | Selim   | Moustafa | M   | selim5@gmail.com         | 1997-02-02 |  24
  119 | Mohamed | Fakir    | M   | mohamed@gmail.com        | 1971-06-10 |  50
  120 | Rana    | hussein  | F   | ranahussein@gmail.com    | 1989-09-10 |  32
(20 rows)
```

```
AirlineReservation=# select * from airline;
 airline_id |        name
------------+--------------------
          1 | American Airlines
         98 | Air India Limited
        220 | Lufthansa
        125 | British Airways
        157 | Qatar Airways
        589 | Jet Airways
        176 | Emirates Airlines
        607 | Ethiad Airways
        118 | Egypt Airlines
        578 | Kuwait Airlines
        854 | El jezira Airlines
        486 | Turkish Airlines
          8 | Omaneya Airlines
        879 | Jordan Airlines
        123 | Singapore Airlines
(15 rows)
```

```
AirlineReservation=# select * from airplane;
 plane_id |          type          | no_seats | airline_id
----------+------------------------+----------+------------
     9023 | Airbus A380            |      100 |          1
     9033 | Airbus A380            |      100 |         98
     9723 | Airbus A380            |      100 |        220
     9167 | Boeing 747-8           |      300 |        125
     9165 | Boeing 747-8           |      400 |        157
     9168 | Boeing 737 NG/737 MAX  |      350 |        589
     9155 | Supermarine Spitfire   |      150 |        879
     9248 | Lockheed SR-71 Blackbird |    200 |          8
     9875 | Cirrus SR22            |      250 |        879
     9235 | Lockheed C-130         |      200 |        854
(10 rows)
```

```
AirlineReservation=# select * from airport;
 airport_id |    city     |    country     |                      name
------------+-------------+----------------+-------------------------------------------------
        101 | Kentucky    | United States  | Louisville International Airport
        102 | Chandigarh  | India          | Chandigarh International Airport
        103 | Texas       | United States  | Dallas/Fort Worth International Airport
        104 | Delhi       | India          | Indira GandhiInternational Airport
        105 | Maharashtra | India          | Chhatrapati Shivaji International Airport
        106 | California  | United States  | San Francisco International Airport
        107 | Hesse       | Germany        | Frankfurt Airport
        108 | Texas       | United States  | George Bush Intercontinental Airport
        109 | New York    | United States  | John F. Kennedy International Airport
        110 | Florida     | United States  | Tampa International Airport
(10 rows)
```

```
AirlineReservation=# select * from flight;
 flight_no |    fromm    |    to0      | class | departure_date | arrival_date | no_passenger | r_no | plane_id
-----------+-------------+-------------+-------+----------------+--------------+--------------+------+----------
    672015 | NEW YORK    | DELHI       | A     | 2021-09-30     | 2021-09-30   |          150 |    4 |     9155
    152305 | MAHARASHTRA | DELHI       | B     | 2021-10-02     | 2021-10-02   |          200 |    5 |     9168
    121234 | HESSE       | NEW YORK    | A     | 2021-10-02     | 2021-10-03   |          160 |    4 |     9723
    569876 | CHANDIGARH  | MAHARASHTRA | C     | 2021-10-01     | 2021-10-01   |          130 |    2 |     9165
    561689 | FLORIDA     | CHANDIGARH  | A     | 2021-10-05     | 2021-10-05   |          250 |    2 |     9235
    784367 | DELHI       | NEW YORK    | A     | 2021-10-12     | 2021-10-12   |          190 |    1 |     9875
    561902 | DELHI       | FLORIDA     | B     | 2021-10-10     | 2021-10-10   |          200 |    3 |     9023
    223056 | HESSE       | DELHI       | A     | 2021-10-20     | 2021-10-20   |          120 |    4 |     9033
    569576 | MAHARASHTRA | NEW YORK    | C     | 2021-11-01     | 2021-11-01   |          130 |    1 |     9167
    784567 | HESSE       | NEW YORK    | A     | 2021-11-02     | 2021-11-03   |          190 |    4 |     9248
(10 rows)
```

```
AirlineReservation=# select * from fare;
 fare_type |          condition          |      fare_description       | price | max_weight
-----------+-----------------------------+-----------------------------+-------+------------
 F         | 100% refund on cancellation | First Class                 |  5000 |         40
 P         | 80% refund on cancellation  | First Class                 |  4500 |         40
 J         | 75% refund on cancellation  | Business Class              |  4000 |         35
 C         | 80% refund on cancellation  | Business Class              |  4500 |         40
 Y         | 50% refund on cancellation  | economy tickets             |  3000 |         30
 B         | 90% refund on cancellation  | restricted or discount fares|  4000 |         40
 X         | 100% refund on cancellation | restricted or discount fares|  3500 |         40
 U         | 75% refund on cancellation  | fare consolidators          |  2000 |         40
 R         | 75% refund on cancellation  | fare consolidators          |  3500 |         40
(9 rows)
```

```
AirlineReservation=# select * from p_telephone;
 p_id | telephone
------+------------
  112 | 1234556789
  115 | 1134565788
  113 | 1234567757
  102 | 1234567587
  119 | 1234567555
  105 | 1234567856
  119 | 1034567585
  108 | 1234567665
  113 | 1534567854
  106 | 1234567454
  115 | 1134556783
  113 | 1234567225
  120 | 1034565782
  112 | 1234567050
  101 | 1234565781
  107 | 1134565780
  112 | 1010556789
  106 | 1213555667
  116 | 1213555567
  118 | 1200250754
  104 | 1125355474
  113 | 1125355424
  107 | 1123532525
  103 | 1149205171
  102 | 1066465152
  107 | 1066545512
  113 | 1202024355
  111 | 1145552582
  106 | 1236355440
(29 rows)
```

```
AirlineReservation=# select * from ticket;
 t_no   | credit | debit | flight_no | p_id | fare_type
--------+--------+-------+-----------+------+-----------
 131101 | N      | Y     |    672015 |  101 | P
 120201 | N      | Y     |    121234 |  103 | J
 702002 | Y      | N     |    672015 |  104 | P
 210101 | N      | Y     |    672015 |  105 | P
 280312 | Y      | N     |    784367 |  106 | F
 100999 | N      | Y     |    223056 |  107 | C
 200594 | Y      | N     |    784567 |  108 | J
 202001 | Y      | N     |    672015 |  110 | F
 702003 | Y      | N     |    784567 |  114 | J
 210102 | N      | Y     |    223056 |  115 | J
 280313 | N      | Y     |    784567 |  116 | J
 100990 | N      | Y     |    223056 |  117 | J
 200595 | N      | Y     |    223056 |  118 | J
 270315 | N      | Y     |    784567 |  119 | J
 202005 | Y      | N     |    784567 |  120 | J
 705001 | N      | Y     |    152305 |  102 | J
 101003 | Y      | N     |    152305 |  113 | J
 101004 | Y      | N     |    152305 |  115 | J
(18 rows)
```

```
AirlineReservation=# select * from route;
 r_no |                    r_name
------+----------------------------------------------
    1 | kentucky-Maharashtra-delhi-new york
    2 | florida-chandigarh-new york-texas-maharashtra
    3 | delhi-florida-texas-chandigarh
    4 | hesse-new york-california-delhi
    5 | maharashtra-Chandigarh-texas-delhi
    6 | california-Kentucky-Florida-new york
(6 rows)
```

```
AirlineReservation=# select * from flight_airport;
 flight_no | airport_id
-----------+------------
    121234 |        107
    152305 |        105
    223056 |        107
    561689 |        110
    561902 |        104
    569876 |        102
    569576 |        105
    672015 |        109
    784367 |        104
    784567 |        107
(10 rows)
```