

```
set search_path to airline;
```

```
--Q1.Given company name find out all flight details?
```

```
--Company Name:Indigo
```

```
select flight_no,flight_name from company natural join flight_detail  
where c_name='Indigo';
```

```
--Q2.Given the flight number find out route(source,destination)?
```

```
--Flight No :10101
```

```
select flight_name,source,destination from (select * from flight_detail  
natural join all_path where flight_no='10101')as r1 natural join route;
```

```
--Q3.Given a day find out all airports and flight details ?
```

```
--Day:Monday
```

```
select flight_no,flight_name,depart_time,arrival_time,source,destination  
from(select * from(select * from flight_detail natural join flight_route)  
as r1 natural join days where day_name='Monday')as r2 natural join route;
```

```
--Q4.Given a route find out all type of fare?
```

```
--Route: Ahmedabad to Channai
```

```
select flight_no,source,destination,fare,passenger_status_name  
from(select * from fare_detail natural join route)as r1 natural join  
passenger_status where source='Ahmedabad' and destination='Channai';
```

```
--Q5.Given a source and destination find out flight details?
```

```
--Route: Delhi to Mumbai
```

```
select flight_no,flight_name,source,destination from (select * from  
flight_detail natural join all_path)as r1 natural join route where  
source='Delhi' and destination='Mumbai';
```

```
--Q11.Given pnr find out all details?
```

```
--PNR No:AAAAA00001
```

```
pnr_no,fname,lname,gender,age,flight_no,flight_name,source,destination  
select  
pnr_no,fname,lname,gender,age,flight_no,flight_name,source,destination,ticket_date,journey_date,fare from(select * from((select * from ticket  
natural join passenger where pnr_no='AAAAA00001') as r1 natural join  
(select * from flight_detail natural join route) as r2 ))as r3 natural  
join fare_detail;
```

```
--Q12.Find out how many ticket book for particular date?
```

```
--1. Date
```

```
select count(pnr_no)as No_of_Ticket from passenger natural join ticket  
where ticket_date='2016-02-23';
```

```
--2 Date and destination
```

```
select count(seat_no)as No_of_Ticket from(select * from passenger  
natural join ticket)as r1 natural join route where ticket_date='2016-02-  
23' and destination='Mumbai';
```

```

--Q13
--17 Journy Date
select count(pnr_no) from passenger natural join ticket where
journey_date='2016-03-12';

--2 Day and delhi to Mumbai
select count(pnr_no) from(select * from(select * from passenger natural
join ticket)as r1 natural join flight_route where day_id='MON')as r2
natural join route where source='Delhi' and destination='Mumbai';

--3 Date delhi to Mumbai
select count(pnr_no) from(select * from passenger natural join ticket
where journey_date='2016-03-12')as r1 natural join route where
source='Delhi' and destination='Mumbai';

--Q14
--Day: Monday and Delhi to Mumbai--
select
flight_no,flight_name,source,destination,depart_time,arrival_time,day_name
from((select * from flight_detail natural join flight_route)as r1
natural join (select * from all_path natural join route)as r2) as r3
natural join days where day_name='Monday' and source='Delhi' and
destination='Mumbai';

--Q15 update profile
--user_id,fname,lname,dob,emailid,contactno.
select * from users;

--14
--update users
--set fname =
'Sakshi',lname='Dubay',emailid='skdubay998@gmail.com',contact_no='9865423
432',
--where fname='name';

select * from users;

```