1. Find an airplane with it's capacity whice capacity is maximum?

```sql
select name, capacity
from airplane
where capacity=(
select max(capacity)
from airplane);
```

2. Find the phone numbers of staff who are Air-host?

```sql
select name,phone01,phone02
from staff , phone
where id = s_id and rank='air-host';
```

3.Find the total, average,maximum and minmum salary of staffs?

```sql
select sum(salary) as Total_salary, avg(salary) as Avg_salary,
max(salary) as Max_salary, min(salary) as Min_salary
from staff
```

4.Find total passengers in a flight?

```sql
select f_id,count(distinct p_id)
from books  natural join  flight
group by f_id;
```

5. Find minmum and maximum fare of ticket among the flights?

```sql
select min(fare),max(fare)
from books
```

6.how many airport in a city?

```sql
select  city, count(city)
from airport
group by city;
```

7.Find out which airplane is using by a flight.

```sql
select F_id, name
from Schedule natural join airplane
where airplane_id = id;
```

8.Find out a flight depart from which airport?

```sql
select f.id, a.name,a.city
from flight f join airport a on f.source=a.id
```

9.Schedule time of all flight?

```sql
select f.id as flight_no,Start_time, end_time,s_date
from flight f join schedule s on f.id= s.f_id
```

10. Number of tickets of flights.

```
select id,no_of_tickets
from flight
```

11.find out destination of all flights?

```
select f.id,a.city,a.name
from airport a join flight f on a.id=f.destination
```

12.find the name of staffs whose salary is bigger than 50000;

```
select name
from staff
where salary >50000
```

13.find number of staffs whose salary is bigger than 100000.

```
select count(id)
from staff
where salary >100000
```

14.find the name of pilot who driven the flight

```
select f.id,s.name
from (flight f join pilot p on f.id=p.F_id)  join staff s on s_id = s.id
```

15.find the name of pilot and airplane , which pilot driven the airplane?

```
select f.id,s.name,a.name
from (((flight f join pilot p on f.id=p.F_id)  join staff s on s_id =
s.id) join schedule on f.id = schedule.f_id) join airplane a on a.id =
schedule.airplane_id;
```