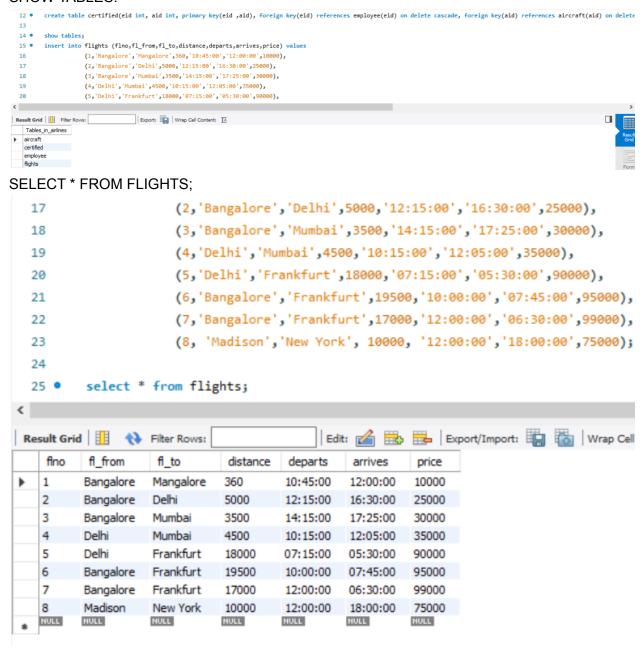
## AIRLINE DATABASE OUTPUT:-

## SHOW TABLES:-



SELECT \* FROM AIRCRAFT;

```
(123, 'Airbus', 1000),
 28
                  (302, 'Boeing', 5000),
 29
                  (306, 'Jet01', 5000),
 30
                  (378, 'Airbus 380', 8000),
 31
                  (456, 'Aircraft', 500),
 32
 33
                  (789, 'Aircraft02',800),
                  (951, 'Aircraft03', 1000);
 34
 35
         select * from aircraft;
 36 •
aid
         aname
                   cruisingrange
         Airbus
   123
                   1000
   302
                   5000
         Boeing
   306
         Jet01
                   5000
         Airbus380
                   8000
   378
   456
         Aircraft
                   500
   789
         Aircraft02
                   800
   951
         Aircraft03
                   1000
        NULL
                   NULL
  NULL
```

SELECT \* FROM EMPLOYEE;

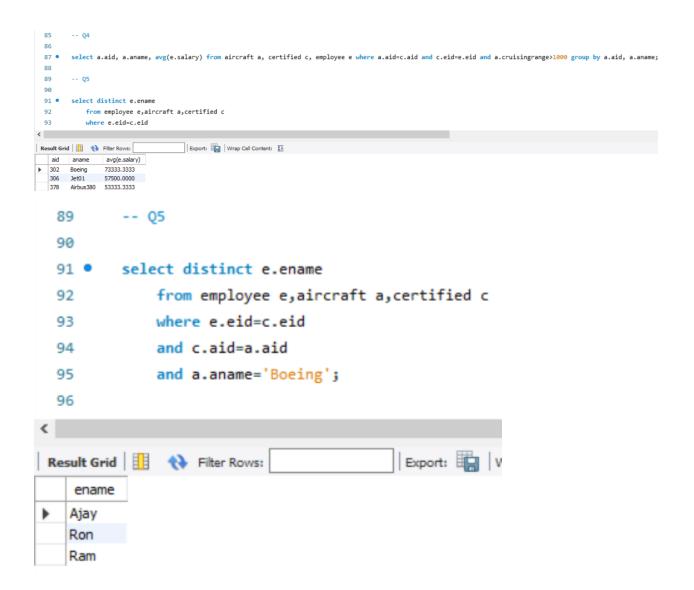
```
(4, 'Harry', 45000),
 42
                   (5, 'Ron', 90000),
 43
                   (6, 'Josh', 75000),
 44
                   (7, 'Ram', 100000);
 45
 46
          insert into employee values(207, 'Ramesh', 100000);
 47 •
 48
          select * from employee;
 49 •
 50
<
                                              Edit: 🚄 🖶 🖶 Expo
Result Grid
                Filter Rows:
    eid
          ename
                   salary
                   30000
   1
          Ajay
   2
          Ajith
                  85000
   3
          Arnab
                   50000
   4
         Harry
                  45000
   5
          Ron
                  90000
   6
          Josh
                   75000
          Ram
                   100000
   207
         Ramesh
                   100000
   NULL
         NULL
                  NULL
```

**SELECT \* FROM CERTIFIED** 

```
(6,789),
 65
               (3,951),
 66
 67
               (1,951),
               (1,789);
 68
 69
       select * from certified;
 70 •
 71
       -- Q1
 72
 73
eid
        aid
  1
       123
  2
       123
  1
       302
  5
       302
  7
       302
  1
       306
  2
       306
  1
       378
  2
       378
  4
       378
 9
       AEC
```

```
72
            -- Q1
  73
  74 •
            select distinct a.aname from aircraft a, certified c, employee e
  75
            where a.aid=c.aid
  76
            and c.eid=e.eid
  77
            and not exists (select * from employee e2 where e2.eid=e.eid and e2.salary<80000);
  78
                                                      Export: Wrap Cell Content: IA
 Result Grid
                   Filter Rows:
     aname
    Airbus
    Boeing
    Jet01
    Airbus380
    Aircraft02
 80 • select c.eid, max(cruisingrange) from certified c, aircraft a where c.aid = a.aid group by c.eid having count(*) > 3;
 81
 82
     select distinct e.ename from employee e where e.salary < (select min(f.price) from flights f where f.fl_from='Bangalore'and f.fl_to='Frankfurt');
 83 •
Export: Wrap Cell Content: IA
 eid max(cruisingrange)
) 1
      8000
83 • select distinct e.ename from employee e where e.salary < (select min(f.price) from flights f where f.fl_from='Bangalore'and f.fl_to='Frankfurt');
 84
<
                               | Export: | Wrap Cell Content: IA
ename

• Ajay
  Ajith
  Arnab
  Harry
  Ron
 Josh
```



```
97
              -- Q6
   98
              select a.aid
   99 •
                    from aircraft a
  100
                    where a.cruisingrange>
  101
                   (select MIN(f.distance)
  102
                   from flights f
  103
                    where f.fl_from='Bangalore'
  104
                    and f.fl to='Delhi');
  105
 <
  aid
      378
     NULL
  107
           -- Q7
  108
           select f.departs from flights f where f.fl_to="New York" and arrives="18:00:00";
  109 •
                                               Export: Wrap Cell Content: IA
 Result Grid Filter Rows:
     departs
    12:00:00
111
112
113 • select e.ename, e.salary from employee e
     where e.eid not in(select distinct c.eid from certified c) and e.salary>(select avg(e2.salary) from employee e2 where e2.eid in (select distinct c2.eid from certified c2));
                      Export: Wrap Cell Content: 🔣
ename salary

Ramesh 100000
```