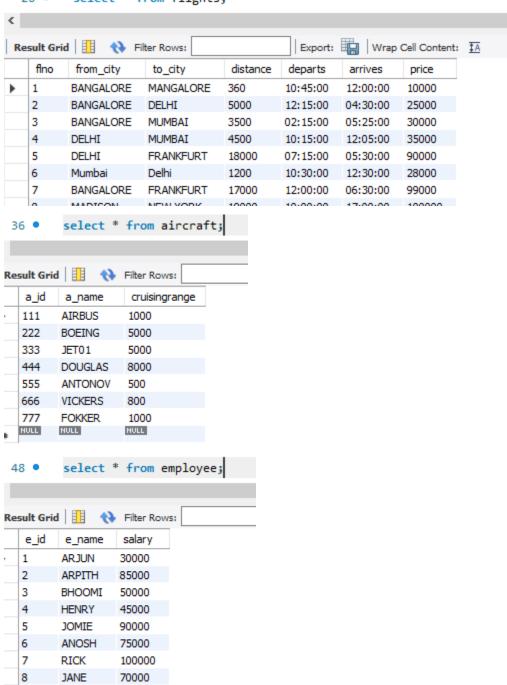
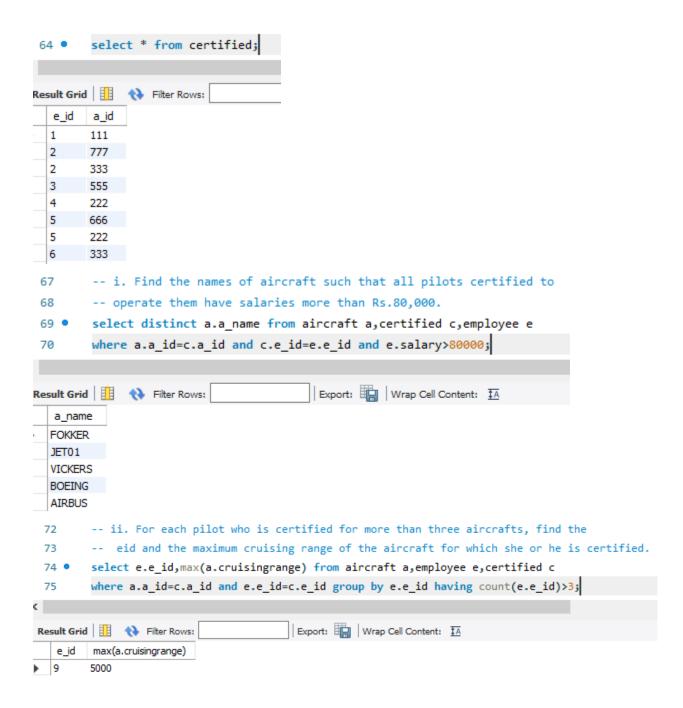
26 • select \* from flights;





```
77
          -- iii. Find the names of pilots whose salary is less than the price of the
          -- cheapest route from Bengaluru to Frankfurt.
  78
          select e.e name from employee e where e.e id in(select e id from certified)
  79 •
  80
          and salary<(select min(price) from flights where from city="BANGALORE" and
          to_city="FRANKFURT");
  81
                                          Export: Wrap Cell Content: $\frac{1}{4}
 Result Grid Filter Rows:
    e_name
   ARJUN
    ARPITH
   BHOOMI
   HENRY
   JOMIE
   ANOSH
    JANE
   SOFIE
        -- iv. For all aircraft with cruising range over 1000 Kms, find the name of the
 83
        -- aircraft and the average salary of all pilots certified for this aircraft.
 84
        select a.a name, avg(e.salary) from aircraft a, employee e, certified c
 85 •
        where a.a_id=c.a_id and e.e_id=c.e_id and a.cruisingrange>1000 group by a.a_name;
 86
                                        Export: Wrap Cell Content: IA
a_name
            avg(e.salary)
 BOEING
           71666.6667
  JET01
           80000.0000
  DOUGLAS
           70000.0000
         -- v. Find the names of pilots certified for some Boeing aircraft.
 88
         select e.e name from aircraft a, employee e, certified c
 89 •
         where a.a id=c.a id and e.e id=c.e id and a.a name="BOEING";
 90
Export: Wrap Cell Content: $\overline{A}$
   e_name
  HENRY
   JOMIE
  SOFIE
```

```
-- vi. Find the aids of all aircraft that can be used on
  92
  93
          -- routes from Bengaluru to New Delhi.
          select a_id from aircraft where cruisingrange>=(select distance from flights
  94 •
          where from_city="BANGALORE" and to_city="DELHI");
  95
 Edit: 🔏 🖶 🖶 Export/Import: 识 🐻 Wrap Cell Con
    a_id
    222
    333
    444
   NULL
        -- vii. A customer wants to travel from Madison to New York with no
 97
        -- more than two changes of flight. List the choice of departure times
 98
        -- from Madison if the customer wants to arrive in New York by 6 p.m.
 99
100 • ⊖ select f.flno ,f.departs from flights f where f.flno in ( ( select f1.flno
        from flights f1 where f1.from_city="MADISON" AND f1.to_city="NEW YORK" and f1.arrives<'18:00:00')
101

    □ union ( select f1.flno from flights f1,flights f2 where f1.from_city="MADISON"

102
        and f1.to_city!="NEW YORK" and f1.to_city=f2.from_city and f2.to_city="NEW YORK"
103
104
        and f2.departs>f1.arrives and f2.arrives<'18:00:00'));
                                     Export: Wrap Cell Content: TA
flno
        departs
        10:00:00
  8
  10
        11:00:00
106
        -- viii. Print the name and salary of every non-pilot whose
        -- salary is more than the average salary for pilots.
107
        select e_name from employee where e_id not in(select e_id from certified)
108
        and salary>(select avg(salary) from employee where e_id in(select e_id from certified));
109
Export: Wrap Cell Content: IA
  e_name
► DANNY
```