---Q1---

select serial\_no,a.typecode, pt.typedesc

from airplane a, plane\_type pt

where a.typecode = pt.typecode

---Q2---

select pt.typecode, count(serial\_no)

from plane\_type pt, airplane a

where pt.typecode = a.typecode

group by pt.typecode;

---Q3---

select p.pilot\_no, pl\_name, c.typecode

from pilot p, certificate c

where p.pilot\_no = c.pilot\_no

order by p.pilot\_no desc, c.typecode;

---Q4---

select c.citycode, cityname, state, arprtdesc, f.flight\_no

from city\_srvd c, flight f

where c.citycode = f.org\_citycode;

---Q5---

select f.flight\_no, f.org\_citycode, c.cityname, f.deptime, sf.fl\_date

from flight f, city\_srvd c, schd\_flight sf

where c.citycode = f.org\_citycode

and f.flight\_no = sf.flight\_no

and f.flight\_no = 534;

---Q6---

select r.ps\_name, p.ps\_street, p.ps\_city, p.ps\_state, p.ps\_zip

from flight f, schd\_flight sf, passenger p, reservation r

where f.flight\_no = sf.flight\_no

and sf.flight\_no = r.flight\_no

and sf.fl\_date = r.fl\_date

and r.ps\_name = p.ps\_name

and r.ps\_phone = p.ps\_phone

and f.flight\_no = 534

and sf.fl\_date = '06-MAR-18';

---Q7---

select distinct p.pilot\_no, p.pl\_name, pt.typecode

from pilot p, plane\_type pt, schd\_flight sf, airplane a

where p.pilot\_no = sf.pilot\_no

and sf.serial\_no = a.serial\_no

and a.typecode = pt.typecode

and p.pilot\_no = 345;

---Q8---

select sf.flight\_no, sf.fl\_date,

count(r.ps\_name)

from schd\_flight sf, reservation r

where sf.flight\_no = r.flight\_no(+)

and sf.fl\_date = r.fl\_date(+)

group by sf.flight\_no, sf.fl\_date

order by sf.flight\_no;

---Q9---

select distinct

(select count(a.flight\_no)

from schd\_flight a

where fl\_date = '05-MAR-18')as A,

(select count(b.flight\_no)

from schd\_flight b

where fl\_date <> '05-MAR-18') as B

from schd\_flight;

---Q10---

select f.flight\_no, abc.totalwaittime,

round((f.arrtime - f.deptime - abc.totalwaittime),4)as motiontime

from flight f,

(select i.flight\_no,

round(sum(i.int\_deptime-i.int\_arrtime),4)as totalwaittime

from int\_city i

group by i.flight\_no, i.int\_citycode) abc

where f.flight\_no = abc.flight\_no;