-- DS 1 :

-- QUESTION 1

SELECT NOMPIL FROM PILOTE WHERE PILOTE.NOMPIL=VOL.NOMPIL AND VILLEDEP='LYON';

SELECT DISTINCT NOMPIL FROM PILOTE, VOL WHERE VOL.NUMPIL=PILOTE.NUMPIL AND UPPER(VILLEDEP)='LYON';

-- QUESTION 2

SELECT NOMPIL FROM PILOTE WHERE ADRESSE='LYON' AND SALAIRE>16000;

SELECT NOMPIL FROM PILOTE WHERE UPPER(ADRESSE)='LYON' AND SALAIRE > 16000;

-- QUESTION 3

SELECT NOMPIL FROM PILOTE WHERE NOMPIL NOT LIKE '\_\_\_\_\_';

SELECT \* FROM PILOTE WHERE NOMPIL NOT LIKE '\_\_\_\_\_';

-- QUESTION 4

SELECT COUNT(NUMPIL) FROM PILOTE WHERE NUMPIL NOT IN (SELECT NUMPIL FROM VOL WHERE ANNEVOL=2015);

SELECT COUNT(\*) FROM PILOTE WHERE NUMPIL NOT IN (SELECT NUMPIL FROM VOL WHERE ANNEEVOL=2015);

-- QUESTION 5

SELECT NUMPIL FROM VOL WHERE VOL.NUMAV=AVION.NUMAV AND CAPACITE NOT IN (SELECT CAPACITE FROM AVION WHERE CAPACITE>200);

SELECT DISTINCT NUMPIL FROM PILOTE WHERE NUMPIL NOT IN (SELECT NUMPIL FROM VOL, AVION WHERE VOL.NUMAV = AVION.NUMAV AND CAPACITE > 200);

-QUESTION 6

SELECT CAPACITE FROM AVION WHERE AVION.NUMAV=VOL.NUMAV AND ANNEEVOL>2005 ;

SELECT AVION.NUMAV, CAPACITE FROM AVION, VOL WHERE AVION.NUMAV = VOL.NUMAV AND ANNEEVOL > 2005;

-QUESTION 7

SELECT NUMAV FROM AVION MINUS NUMAV FROM VOL ;

SELECT \* FROM AVION WHERE NUMAV NOT IN (SELECT NUMAV FROM VOL);

* QUESTION 8

SELECT COUNT (NUMVOL) FROM VOL GROUP BY NUMAV WHERE ANNEEVOL=2014 ;

SELECT NUMAV, COUNT(\*) AS NBREVOLS FROM VOL WHERE ANNEEVOL=2014 GROUP BY NUMAV;

* QUESTION 9

SELECT LOCALISATION FROM AVION GROUP BY NUMAV HAVING COUNT(CAPACITE)>150) ;

SELECT DISTINCT AV1.LOCALISATION FROM AVION AV1, AVION AV2 WHERE AV1.NUMAV != AV2.NUMAV AND AV1.LOCALISATION = AV2.LOCALISATION AND AV1.CAPACITE > 150 AND AV2.CAPACITE > 150;

* QUESTION 10

SELECT VILLEDEP FROM VOL  GROUP BY VILLEDEP HAVING COUNT (\*)=(SELECT MAX(VILLEDEP) FROM VOL);

SELECT VILLEDEP FROM VOL GROUP BY VILLEDEP HAVING COUNT(\*) = (SELECT MAX(COUNT(\*)) FROM VOL GROUP BY VILLEDEP);

* QUESTION 11

SELECT NUMPIL FROM PILOTE, VOL WHERE PILOTE.NUMPIL=VOL.NUMPIL

GROUP BY NUMPIL HAVING COUNT (\*) =1 ;

SELECT \* FROM PILOTE WHERE NUMPIL IN (SELECT NUMPIL FROM VOL GROUP BY NUMPIL HAVING COUNT(\*)=1);