09,00

MATIÈRE Bases de données avancés.

~~1)~~ a. Response time is the time between of a request and the response. It must never exceed 2 sec.

b. Through put

~~2)~~ a Nested loop is a join where each row will be join with a table

b. Merge join is a join where two table will be merge

c. Hash join is a join but without duplicated row

3) a and c because they are optimized on the first row. This row is the foreign key and only need this row to have informations we need.

4) a   WORK

b   ERROR

c   ERROR

d   WORK

e   WORK

f.   WORK

f.   WORK

g.   WORK

h.   ERROR.

①

5) a We will only have 1 because empno is a primary key and we can't have two identique primary key.
   b only one
   c ~~only~~ two : ~~and~~ with 1 with an error.   ①
   d zero

6) BACKUP emp AT 15:00.00.   ⓪⑤

7) The goal of this algorithme is to have the right ~~wthe~~ number of table and connection ~~between~~ them to have a quick access to data.   ⓪⑤

8)

9) Not Only SQL is a new language that permit more flexible and implicite queries.

10) A procedure is kind of protocole to put barries on the case of the tables.
    A function can be call to execute multiple actions on the tables.

11) Triggers which are created to add information in an forgetted table (table treated after the conception)
    Triggers which check if datas are correctly entered in table by users   ⓪⑤

12) CREATE USER.

13) a   SELECT ~~DEPT~~ DNAME
        FROM EMP JOIN DEPT
        ~~WHERE EMP DEPTNO~~
        GROUP BY DEPTNO
        HAVING (COUNT(EMPNO) = 0)

    b. SELECT * FROM EMP WHERE DETNO = N ULL.

    c. SELECT SAL FROM EMP GROUP BY DEPTNO
                HAVING MAX(SAL) or MIN(SAL)

②

    d   SELECT * FROM EMP WHERE SAL > AVG(
                SELECT SAL FROM EMP GROUP BY DEPTNO)

    e   SELECT ~~DEPTNO~~
        FROM EMP ~~SAL~~
        GROUP BY DEPTNO
        HAVING (COUNT(EMPNO) <= 10)

    f   SELECT * FROM EMP JOIN DEPT
        WERE SAL = (SELECT min SAL FROM EMP JOIN DEPT
                        WHERE DNAME = 'SALES'))

14) c.   /   ①

15) b , d.   ⓪,5

16) c.   ①

17) b.

18) d.

19) COMMIT, ROOLBACK , SAVE POINT,   ⓪

20)

21) sqlplus is a language of request more
advenced the sql.
with sqlplus you can script kind of small
programs and fuctions.

22)

23) Redo log files are logs recording errors
in the data base

24) archivelog files are files where logs
are archived after time.

25)

26)