**1er partie**

1/ SELECT ename,job,empno,sal from emp ;

SELECT ename,job,empno,sal from emp WHERE DEPTNO=10 ;

2/ SELECT ENAME,JOB,SAL FROM EMP WHERE (JOB='MANAGER') AND (SAL>2800) ;

3/ SELECT \* FROM EMP WHERE JOB='MANAGER' AND DEPTNO!=30 ;

4/ SELECT \* FROM EMP WHERE SAL<1400 AND SAL>1200;

5/ SELECT \* FROM EMP WHERE DEPTNO=10 OR DEPTNO=30 ORDER BY ENAME ASC ;

6/ SELECT \* FROM EMP WHERE DEPTNO=30 ORDER BY SAL ASC ;

7/ SELECT \* FROM EMP ORDER BY JOB ,SAL DESC ;

8/ SELECT DISTINCT JOB FROM EMP ;

9/ SELECT DNAME FROM DEPT INNER JOIN EMP ON DEPT.DEPTNO=EMP.DEPTNO WHERE ENAME='ALLEN' ;

10/ SELECT ENAME,DNAME,JOB,SAL FROM EMP INNER JOIN DEPT ON DEPT.DEPTNO=EMP.DEPTNO ORDER BY DNAME DESC, SAL DESC ;

11/ SELECT ENAME,SAL,COMM ,(SAL+COMM) FROM EMP WHERE JOB='SALESMAN' ;

12/ SELECT ENAME,JOB,DATE\_FORMAT(HIREDATE,'%W/%D/%b/%Y') FROM EMP WHERE DEPTNO=20 ;

13/ SELECT DNAME ,MAX(SAL) FROM EMP INNER JOIN DEPT ON DEPT.DEPTNO=EMP.DEPTNO GROUP BY DNAME ;

14/ SELECT DISTINCT DNAME, SUM(sal) as masseSalariale ,COUNT(ENAME) AS NBEMPLOYE FROM EMP INNER JOIN DEPT ON DEPT.DEPTNO=EMP.DEPTNO GROUP BY DNAME ;

SELECT DISTINCT job, avg(sal) as salaireMoyen FROM EMP INNER JOIN DEPT ON DEPT.DEPTNO=EMP.DEPTNO GROUP BY JOB ;

16/ SELECT ENAME, DNAME,SAL FROM EMP INNER JOIN DEPT ON DEPT.DEPTNO=EMP.DEPTNO WHERE JOB=(SELECT JOB FROM EMP WHERE ENAME LIKE 'JONES') ;

17/ SELECT ENAME, SAL FROM EMP WHERE SAL > (SELECT AVG(SAL) FROM EMP) ;

18/

CREATE TABLE PROJET (

NUMPROJET TINYINT(3) PRIMARY KEY ,

NOMPROJET VARCHAR(5) ,

BUDGET INT

)

INSERT INTO `projet`(`NUMPROJET`, `NOMPROJET`, `BUDGET`) VALUES (101,'ALPHA',96000),(102,'BETA',82000),(103,'GAMMA',15000)

19/

ALTER TABLE

EMP ADD NUMPROJET TINYINT(3),

ADD CONSTRAINT FK\_NUMPROJET FOREIGN KEY (NUMPROJET) REFERENCES PROJET (NUMPROJET) ;

UPDATE EMP SET NUMPROJET=101 WHERE DEPTNO=30 ;

UPDATE EMP SET NUMPROJET=102 WHERE DEPTNO !=30

20/

CREATE VIEW EMPLOYE

AS SELECT ENAME,JOB,DNAME,NOMPROJET

FROM EMP INNER JOIN DEPT ON DEPT.DEPTNO=EMP.DEPTNO INNER JOIN PROJET ON EMP.NUMPROJET=projet.NUMPROJET

21/ SELECT ENAME,JOB,DNAME,NOMPROJET FROM EMPLOYE ORDER BY DNAME,NOMPROJET

22/ SELECT ENAME,JOB, NOMPROJET FROM EMPLOYE WHERE JOB='MANAGER'

**2eme partie**

1/ SELECT \* FROM EMP WHERE DEPTNO=20 OR DEPTNO=30

2/ SELECT \* FROM EMP WHERE HIREDATE<'1982-01-01'AND HIREDATE>'1980-12-31' AND JOB!='MANAGER'

3/ SELECT \* FROM EMP WHERE COMM>0

4/ SELECT ENAME,DEPTNO,JOB,HIREDATE FROM EMP ORDER BY DEPTNO,JOB,HIREDATE DESC

5/ SELECT \* FROM EMP INNER JOIN DEPT ON DEPT.DEPTNO=EMP.DEPTNO WHERE LOC='DALLAS'

6/

7/ SELECT \* FROM EMP WHERE JOB!='MANAGER' AND JOB!='PRESIDENT'

8/ SELECT ENAME,HIREDATE FROM EMP WHERE HIREDATE<'1981-05-01'

9/ SELECT \* FROM EMP WHERE HIREDATE='1981-12-03'

10/ SELECT \* FROM EMP WHERE MGR=7839

11/ SELECT \* FROM EMP WHERE JOB='SALESMAN' AND MGR=7698

12/

13/