|  |
| --- |
| //QST1 |
|  | CREATE TABLE Dept ( |
|  | deptno number(11) primary key , |
|  | dname varchar(55) , |
|  | loc varchar(55) , |
|  | constraint dname\_check CHECK( UPPER(dname) IN('ACCOUNTING','RESEARCH', 'SALES' , 'OPERATIONS') ) |
|  | ) |
|  |  |
|  | //QST2 |
|  | INSERT INTO Dept VALUES(10 ,'ACCOUNTING','NEW-YORK'); |
|  | INSERT INTO Dept VALUES( 20 , 'RESEARCH','DALLAS'); |
|  | INSERT INTO Dept VALUES( 30 , 'SALES','CHICAGO'); |
|  | INSERT INTO Dept VALUES( 40 , 'OPERATIONS','BOSTON'); |
|  |  |
|  | //QST3 |
|  | CREATE TABLE EMP AS SELECT \* FROM SCOTT.EMP; |
|  |  |
|  | /QST4 |
|  |  |
|  | INSERT INTO EMP VALUES (7369, 'Bidon', NULL, NULL, NULL, NULL, NULL, NULL) |
|  | //QST5 |
|  | ROLLBACK |
|  |  |
|  | //QST6 |
|  | ALTER TABLE EMP |
|  | add (constraint cnt\_pk primary key (EMPNO) , |
|  | constraint cnt\_fk FOREIGN KEY (DEPTNO) references Dept(DEPTNO) |
|  | ) |
|  |  |
|  | //QST7 |
|  | select \* from emp |
|  |  |
|  | INSERT INTO EMP VALUES (7369, 'WILSON', 'MANAGER', 7839, '17/11/91', 3500.00, 600.00, 10) ; |
|  | INSERT INTO EMP VALUES (7657, 'WILSON','MANAGER', 7839, '17/11/91', 3500.00, 600.00, 50) ; |
|  | INSERT INTO EMP VALUES (7657, 'WILSON', 'MANAGER', 7000,'17/11/91', 3500.00, 600.00, 10) ; |
|  | INSERT INTO EMP VALUES (7657, 'WILSON', 'MANAGER', 7839, '17/11/91', 3500.00,600.00, 10); |
|  |  |
|  | -- /qst8 |
|  | commit |
|  | /\*\*\*\*\*\*\*\*\*\*\*\*mise a jour \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/ |
|  | Update Dept |
|  | Set LOC='PITTSBURGH' where DNAME='SALES' AND LOC ='CHICAGO' |
|  |  |
|  | //qst 2 |
|  | Update EMP |
|  | Set SAL=(SAL\*1.1) where NVL(COMM,0) > (SAL/2) |
|  | //qst3 |
|  | Update EMP |
|  | Set Sal = (select avg(SAL) From EMP) where TO\_CHAR(HIREDATE , 'dd/mm/yy') < '01/01/82' and COMM=NULL |
|  |  |
|  | //qst4 |
|  |  |
|  |  |
|  | rollback |
|  |  |
|  | delete from Dept where DEPTNO=20 |
|  |  |
|  | /////\*\*\*\*\*\*\*\*\*\*\*\*\*Interrogation de la base de données\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*// |
|  |  |
|  | select ENAME ,COMM, SAL+COMM |
|  | FROM EMP |
|  | where JOB ='SALESMAN' |
|  | //qs2 |
|  | select ENAME |
|  | from EMP |
|  | ORDER BY COMM,SAL DESC |
|  |  |
|  | //qst3 |
|  |  |
|  | select ENAME |
|  | from EMP |
|  | where COMM < (sal\*0.25) |
|  |  |
|  | //qst4 |
|  |  |
|  | select count(\*) |
|  |  |
|  | from EMP |
|  | where DEPTNO=10 |
|  |  |
|  | //qst5 |
|  |  |
|  | select count(\*) |
|  | from EMP |
|  | where COMM IS NOT NULL |
|  |  |
|  | //qst 6 |
|  | select count(DISTINCT JOB) |
|  | from EMP |
|  |  |
|  | //qst 7 |
|  | select job, avg(SAL) as MOY |
|  | from EMP |
|  | group by job |
|  |  |
|  |  |
|  | //qst 8 |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  | select sum(SAL) from EMP //QST9 |

// qst9

select e.Ename ,d.DNAME

from EMP e natural join DEPT d

//qst 10

select ename ,sal , job

from EMP

where sal = (select max(sal) from emp)

//qst11

select ename

from EMP

where sal > (select sal from emp where ename='jones')

//qst12

select ename

from emp

where job = (select job from emp where ename='JONES')

//qst13

select ename

from emp

where mgr = (select mgr from emp where ename='CLARK')

//qst14

select ename , job

from emp

where (job in (select job from emp where ename='TURNER')

and mgr in (select mgr from emp where ename='TURNER'))

//qst 15

select ename

from emp

where hiredate = (select min(hiredate) from emp where DEPTNO=10)

//qst16

select ename , mgr

from emp

//qst 17

select ename

from emp

where mgr not in (select mgr from emp)