**Corrige SQL**

**Partie I)**

1. Il manque une "," , salaire n’existe pas, symbole \* au lieu de x, il manque les " " sur l’alias
2. SELECT \* from dept
3. SELECT ename, job, hiredate, empno from emp
4. SELECT distinct job from emp
5. SELECT ename as "Nom", job as "Poste", hiredate as "Date d’embauche", empno as "Matricule" from emp

**Partie II)**

1. SELECT ename, sal from emp where sal>2850
2. SELECT ename, deptno from emp where empno=7566
3. SELECT ename, sal from emp where sal not between 1500 and 2850
4. SELECT ename, job, hiredate from emp where hiredate between "2017-02-20" and "2018-05-01" order by hiredate
5. SELECT ename, deptno from emp where deptno in (10,30) order by ename
6. SELECT ename as "Employe", sal as "Salaire mensuel" from emp where sal > 1500 and deptno in (10,30)
7. SELECT ename, hiredate from emp where hiredate like "2017%"
8. SELECT ename, job from emp where mgr is null
9. SELECT ename, sal, comm from emp where comm is not null order by sal desc, comm
10. SELECT ename from emp where ename like "\_\_A%"
11. SELECT ename from emp where ename like "%L%L%" and (deptno=30 or mgr=7782 )
12. SELECT ename, job, sal from emp where job in("CLERK","ANALYST") and sal not in (1000,3000,5000)
13. SELECT ename, sal, comm from emp where comm > sal \* 1.1

**Partie III)**

1. SELECT empno,ename, sal, TRUNCATE(sal\*1.15,0) as "Nouveau Salaire" from emp
2. SELECT empno,ename, sal, TRUNCATE(sal\*1.15,0) as "Nouveau Salaire", TRUNCATE(sal\*1.15,0) -sal as "Augmentation" from emp
3. SELECT LOWER(ename) as "nom", LENGTH(ename) as "longueur" from emp where ename like "J%" or ename like "M%" or ename like "A%"
4. SELECT ename, IFNULL(comm,"Pas de com") as "Commission" from emp
5. SELECT LOWER(SUBSTR(ename,1,4)) as "Nom", INSTR(ename,"A") as "Position A" from emp

**Partie IV**

1. SELECT ename, emp.deptno, dname from emp,dept where emp.deptno=dept.deptno
2. SELECT ename, emp.deptno, dname from emp left join dept on emp.deptno=dept.deptno
3. SELECT distinct job from emp, dept where dept.deptno=emp.deptno and dept.deptno=30 ;
4. SELECT ename, dname, loc from emp,dept where dept.deptno=emp.deptno and comm is not null
5. SELECT dname from emp,dept where dept.deptno=emp.deptno and ename like "%A%"
6. SELECT ename, job, emp.deptno, dname from emp,dept where dept.deptno=emp.deptno and loc ="DALLAS"
7. SELECT e.ename as "Employé", e.empno as "Matricule",m.ename as "Manager", m.empno as "Matricule" from emp e left join emp m on e.mgr=m.empno
8. SELECT e.deptno, e.ename as "Employé", c.ename as "Collègue" from emp e, emp c where e.deptno=c.deptno and e.empno !=c.empno
9. SELECT e.ename, e.hiredate from emp e, emp b where e.hiredate < b.hiredate

and b.ename="BLAKE"

1. SELECT e.ename as "Employé", e.hiredate as "Embauche employé", m.ename as "Manager", m.hiredate as "Embauche manager" from emp e, emp m where e.mgr=m.empno and e.hiredate<m.hiredate

**Partie V)**

1. SELECT job, MAX(sal), MIN(sal), SUM(sal) , AVG(sal) from emp group by job
2. SELECT job, COUNT(\*) as "TOTAL" from emp group by job
3. SELECT depto, job COUNT(\*) as "TOTAL" from emp group by deptno, job
4. SELECT COUNT(distinct mgr) as "Nombre de Manager" from emp
5. SELECT MAX(sal)-MIN(sal) as "Différence" from emp
6. SELECT mgr, MIN(sal) from emp group by mgr Having MIN(sal)>1000 order by MIN(sal) desc
7. SELECT dname as "Departement", loc as "Localisation" , COUNT(\*) as "Nombre d’employés", AVG(sal) as "Salaire Moyen" from emp,dept where emp.deptno=dept.deptno group by dname, loc
8. SELECT ename, hiredate from emp where deptno= (SELECT deptno from emp where ename ="BLAKE") and ename !="BLAKE"
9. SELECT empno, ename, sal from emp where sal > (SELECT AVG(sal) from emp) and deptno in(SELECT deptno from emp where ename like "%T%")
10. SELECT \* from emp where sal> =(SELECT MAX(sal) from emp where job="CLERK") order by sal desc