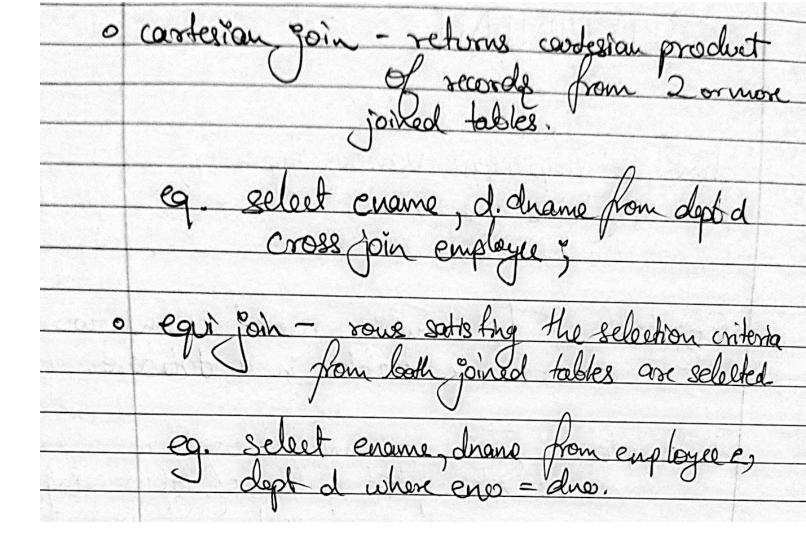
EXPERIMENT +	
Afin: Implement various types of Joins Se views.	
Objective: la combine records han two or more tables in a totabase.	
Description: Join command is used to combine that fields of tables refused to retrieve alata from 2 or mor tables based on some legical relationship between tables.	9 e
SQL join types: Inner jæn  Teft join, right join, full join, self join, cartesion join  equi join.	
ego select enome, durante from employee e, dep d where duto = e not no.  left john- returns all grows from left table	24
even if there are no metches in right to sight join - vice verse of left join.  o sell join - return all rows in all tables.  o sell join - used to join table to itself.  g. select ename, chestary, existing from employee et, e2 where 21 a duo = e22 duo.	bk



## **SQL QUERIES:**

```
SQL> SELECT MAX(SALARY) FROM EMPLOYEE;
MAX(SALARY)
    82400
SQL> SELECT * FROM EMPLOYEE;
     SSN ENAME
                            SALARY SUPERSSN DNO
                             51500 100
61800 101
                                                  10
     100 William
     101 Jonas
                              61800
                                        101
                                                   11
                              82400
     102 SCARLET
                                        102
                                                  12
     103 BLAIR
                              46350
                                        103
                                                   13
     104 CHARLES
                              50200 100 10
SQL> SELECT * FROM DEPT;
     DNO DNAME
                          STARTDATE MGRSSN
     10 FINANCE
                        12-NOV-21 100
                         12-0CT-21
      11 AUDIT
                                        101
      12 MARKETING
                         01-NOV-21 102
      13 PRODUCTION
                         09-0CT-21 103
SQL> SELECT ENAME, DNAME FROM EMPLOYEE E, DEPT D WHERE E.DNO = D.DNO;
ENAME
                DNAME
William
                FINANCE
CHARLES
                FINANCE
Jonas
                AUDIT
SCARLET
                MARKETING
BLAIR
                 PRODUCTION
SQL> SELECT ENAME, E.DNO, DNAME FROM EMPLOYEE E, DEPT D WHERE E.DNO = D.DNO;
ENAME
                   DNO DNAME
William
                      10 FINANCE
CHARLES
                      10 FINANCE
                      11 AUDIT
Jonas
SCARLET
                      12 MARKETING
BLAIR
                      13 PRODUCTION
```

```
SQL> SELECT ENAME,E.DNO,DNAME FROM (EMPLOYEE E JOIN DEPT D ON E.DNO = D.DNO);
ENAME
                          DNO DNAME
William
                            10 FINANCE
CHARLES
                           10 FINANCE
                           11 AUDIT
Jonas
SCARLET
                           12 MARKETING
BLAIR
                           13 PRODUCTION
SQL> SELECT E.ENAME AS EMPNAME,S.ENAME AS SUPERVISORNAME FROM EMPLOYEE E,EMPLOYEE S WHERE E.SUPERSSN=S.SSN
EMPNAME
                   SUPERVISORNAME
______
William
                   William
CHARLES
                   William
Jonas
                    Jonas
SCARLET
                   SCARLET
BLAIR
SQL> SELECT E.ENAME,E.DNO,DNAME FROM (EMPLOYEE E LEFT OUTER JOIN DEPT D ON E.DNO=D.DNO);
ENAME
                          DNO DNAME
CHARLES
                            10 FINANCE
William
                           10 FINANCE
                           11 AUDIT
SCARLET
                           12 MARKETING
BLAIR
                           13 PRODUCTION
SQL> SELECT E.ENAME,E.DNO,DNAME FROM (EMPLOYEE E RIGHT OUTER JOIN DEPT D ON E.DNO=D.DNO);
                          DNO DNAME
                     ______
William
                            10 FINANCE
CHARLES
                           10 FINANCE
Jonas
                           11 AUDIT
SCARLET
                            12 MARKETING
                          13 PRODUCTION
BLAIR
SQL> SELECT E.ENAME,E.DNO,DNAME FROM (EMPLOYEE E FULL OUTER JOIN DEPT D ON E.DNO=D.DNO);
ENAMESELECT * FROM STUD_V1 O DNAME
William
                                 10 FINANCE
Jonas
                                 11 AUDIT
SCARLET
                                 12 MARKETING
BLAIR
                                 13 PRODUCTION
CHARLES
                               10 FINANCE
SQL> CREATE VIEW EMPLOYEE_V2 AS SELECT E.ENAME, E.DNO, DNAME FROM (EMPLOYEE E FULL OUTER JOIN DEPT D ON E.DNO=D.DNO);
View created.
SQL> SELECT * FROM EMPLOYEE_V2;
FNAME
                   DNO DNAME
William
                    10 FINANCE
                   11 AUDIT
```

12 MARKETING 13 PRODUCTION

10 FINANCE

BLAIR CHARLES Conclusion:
Thus we have successfully
learned and suplemented joins &
vieux in our yestem.