PRACTICAL NO -7

AIM: DISPLAYING DATA FROM MULTIPLE TABLES (JOIN)

Query statement 1: Give details of customers ANIL.

➢ Query : SELECT CUSTOMERS_18007.CNAME, CITY, ACTNO, BNAME, AMOUNT FROM CUSTOMERS_18007, DEPOSIT_18007 WHERE CUSTOMERS_18007.CNAME= DEPOSIT_18007.CNAME AND CUSTOMERS_18007.CNAME= 'ANIL';

```
SQL> SELECT CUSTOMERS_18007.CNAME, CITY, ACTNO, BNAME, AMOUNT FROM CUSTOMERS_180
07, DEPOSIT_18007 WHERE CUSTOMERS_18007.CNAME= DEPOSIT_18007.CNAME AND CUSTOMERS
_18007.CNAME= 'ANIL';


CNAME             CITY                 ACTNO BNAME                    AMOUNT
----------------- ------------------- ----- ------------------- ----------
ANIL              CALCUTTA              100  VRCE                      1000
```

Query statement 2: Give name of customer who are borrowers and depositors and having living city nagpur.

➢ Query :SELECT D1.CNAME FROM DEPOSIT_18007 D1, BORROW_18007 B1, CUSTOMERS_18007 C1 WHERE D1.CNAME=B1.CNAME AND C1.CNAME= D1.CNAME AND C1.CITY = 'NAGPUR';

```
SQL> SELECT D1.CNAME FROM DEPOSIT_18007 D1, BORROW_18007 B1, CUSTOMERS_18007 C1 WHERE D1.CNAME=B1.CNAME
 AND C1.CNAME= D1.CNAME AND C1.CITY = 'NAGPUR';


CNAME
-----------------
MADHURI
PRAMOD
```

Query statement 3: Give city as their city name of customers having same living branch.

> Query :SELECT C1.CITY, C1.CNAME FROM CUSTOMERS_18007 C1,
> DEPOSIT_18007 D1, BRANCH_18007 B1 WHERE C1.CITY= B1.CITY AND
> C1.CNAME = D1.CNAME AND B1.BNAME= D1.BNAME;

```
SQL> SELECT C1.CITY, C1.CNAME FROM CUSTOMERS_18007 C1, DEPOSIT_18007 D1, BRANCH_18007 B1 WHERE C1.CITY=
 B1.CITY AND C1.CNAME = D1.CNAME AND B1.BNAME= D1.BNAME;


CITY             CNAME
---------------- ------------------
BOMBAY           SHIVANI
```

Query statement 4: Write a query to display the last name, department number, and department name for all employees.

> Query :SELECT E1.EMP_NAME , D1.DEPT_NO, D1.DEPT_NAME FROM
> EMPLOYEE_18007 E1, DEPARTMENT_18007 D1 WHERE D1.DEPT_NO =
> E1.DEPT_NO;

```
SQL> SELECT E1.EMP_NAME , D1.DEPT_NO, D1.DEPT_NAME FROM EMPLOYEE_18007 E1, DEPARTMENT_18007 D1 WHERE D1
.DEPT_NO = E1.DEPT_NO;

EMP_NAME                            DEPT_NO DEPT_NAME
----------------------------- ---------- --------------------
Smith                                    20 FINANCE_DEPT
Snehal                                   25 ACCOUNT_DEPT
Adama                                    20 FINANCE_DEPT
Aman                                     15 MARKETING_DEPT
Anita                                    10 PROGRAMMING_DEPT
Sneha                                    10 PROGRAMMING_DEPT
Anamika                                  30 LECT_DEPT
```

Query statement 5:Create a unique listing of all jobs that are in department 30. Include the location of the department in the output.

> Query : SELECT J1.jOB_TITLE, D1.LOCATION FROM JOB_18007 J1, DEPARTMENT_18007 D1 WHERE J1.JOB_ID = D1.JOB_ID AND D1.DEPT_NO = '30';

```
SQL> SELECT J1.jOB_TITLE, D1.LOCATION FROM JOB_18007 J1, DEPARTMENT_18007 D1 WHERE J1.JOB_ID = D1.JOB_I
D AND D1.DEPT_NO = '30';

JOB_TITLE                       LOCATION
----------------------------- --------------------
Lecturer                        NEWYORK
```

Query statement 6: Write a query to display the employee name, department number, and department name for all employees who work in NEW YORK.

> Query :SELECT E.emp_name,E.dept_no,d.DEPT_NAME FROM EMPLOYEE_18007 E, DEPARTMENT_18007 d WHERE d.LOCATION='NEWYORK' AND E.dept_no=d.DEPT_NO;

```
SQL> SELECT E.emp_name,E.dept_no,d.DEPT_NAME FROM EMPLOYEE_18007 E, DEPARTMENT_18007 d WHERE d.LOCATION
='NEWYORK' AND E.dept_no=d.DEPT_NO;


EMP_NAME                          DEPT_NO DEPT_NAME
------------------------------ ---------- --------------------
Smith                                  20 FINANCE_DEPT
Adama                                  20 FINANCE_DEPT
Anita                                  10 PROGRAMMING_DEPT
Sneha                                  10 PROGRAMMING_DEPT
Anamika                                30 LECT_DEPT
```

Query statement 7:Display the employee last name and employee number along with their manager's last name and manager number. Label the columns Employee, Emp#, Manager, and Mgr#, respectively.

> Query : SELECT E.EMP_NO AS "EMP NO", E.EMP_NAME AS "EMP NAME", M.EMP_NO "MANAGER NO", E.MGR_NAME "MANAGER NAME" FROM EMPLOYEE_18007 E, EMPLOYEE_18007 M WHERE E.MGR_NAME = M.EMP_NAME;

```
SQL> SELECT E.EMP_NO AS "EMP NO", E.EMP_NAME AS "EMP NAME", M.EMP_NO "MANAGER NO", E.MGR_NAME "MANAGER
NAME" FROM EMPLOYEE_18007 E,  EMPLOYEE_18007 M WHERE E.MGR_NAME = M.EMP_NAME;


no rows selected
```

Query statement 8 :Create a query to display the name and hire date of any employee hired after employee SCOTT.

> Query :SELECT emp_name,hiredate from EMPLOYEE_18007 WHERE hiredate>(SELECT hiredate FROM EMPLOYEE_18007 WHERE emp_name='SMITH');

```
SQL> SELECT emp_name,hiredate from EMPLOYEE_18007 WHERE hiredate>(SELECT hiredate FROM EMPLOYEE_18007 W
HERE emp_name='SMITH');

no rows selected
```