**PRACTICAL - 5**

**AIM: Displaying data from Multiple Tables (join)**

**PROGRAM EXECUTION:**

**Creating Tables:**

To create table Department:

|  |
| --- |
| C:\Users\Desktop\Desktop\photo\DEPARTMENT.PNG  C:\Users\Desktop\Desktop\photo\DEPATMENT_VALUE.PNG |

**Inserting Data into Tables:**

Insert Data in Employee:

|  |
| --- |
| 1  2 |

**Queries to be performed:**

* 1. Give details of customers ANIL.

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| --- |
| SELECT D.ACTNO,D.CNAME,D.BNAME,D.AMOUNT,D.ADATE, C.CITY FROM DEPOSIT D JOIN CUSTOMERS C ON D.CNAME="ANIL"; |

**Output:**

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|  |

* 1. Give name of customer who are borrowers and depositors and having living city nagpur.

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| --- |
| SELECT D.CNAME,C.CITY,B.LOANNO FROM DEPOSIT D JOIN CUSTOMERS C ON D.CNAME=C.CNAME JOIN BORROW B ON C.CNAME=B.CNAME WHERE C.CITY="NAGPUR"; |

**Output:**

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* 1. Give city as their city name of customers having same living branch.

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| --- |
| SELECT C.CNAME,C.CITY FROM CUSTOMERS C JOIN DEPOSIT D ON D.CNAME=C.CNAME; |

**Output:**

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* 1. Write a query to display the last name, department number, and department name for all employees.

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| --- |
| SELECT E.NAME,D.DEPTNO,D.DNAME FROM EMPLOYEE1 E LEFT JOIN DEPARTMENT D ON E.DEPTNO=D.DEPTNO; |

**Output:**

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* 1. Create a unique listing of all jobs that are in department 30. Include the location of the department in the output.

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| --- |
| SELECT DISTINCT E.JOB,D.LOC FROM EMPLOYEE1 E JOIN DEPARTMENT D ON E.DEPTNO=D.DEPTNO WHERE E.DEPTNO=30; |

**Output:**

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* 1. Write a query to display the employee name, department number, and department name for all employees who work in NEW YORK.

|  |
| --- |
| SELECT E.NAME,D.DEPTNO,D.DNAME,D.LOC FROM EMPLOYEE1 E JOIN DEPARTMENT D ON E.DEPTNO=D.DEPTNO WHERE D.LOC="NEW YORK"; |

**Output:**

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* 1. 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.

|  |
| --- |
| SELECT E1.NAME "EMPLOYEE",E1.EMPNO "EMP#",E1.MGR "MGR#",E2.NAME "MANAGER" FROM EMPLOYEE1 E1 LEFT OUTER JOIN EMPLOYEE1 E2 ON E1.MGR=E2.EMPNO; |

**Output:**

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* 1. Create a query to display the name and hire date of any employee hired after employee SCOTT**.**

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| SELECT A.NAME,A.HIREDATE FROM EMPLOYEE1 A JOIN EMPLOYEE1 B ON A.HIREDATE>B.HIREDATE WHERE B.NAME=”SCOTT”; |

**Output:**

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