DBMS LAB EXP 11 - JOINS

1. Issue a query to display information about employees who earn more than any employee in dept 1.

select * from EMP_049 where SAL > (select max(SAL) from EMP_049 where DeptNo = 01);

```
      SQL> select * from EMP_049 where SAL > (select max(SAL) from EMP_049 where DeptNo = 01);

      EMPNO ENAME
      JOB
      DEPTNO

      SAL CUSTHANDLING
      SAL CUSTHANDLING
      Analyst
      2

      5000
      3
```

2. Display the employee details, departments that the departments are same in both the emp and dept

select * from EMP_049, DEPT_049 where EMP_049.DeptNo = DEPT_049.DeptNo;

SQL> select	t * from EMP_049,	DEPT_049 where EMP_049.DeptNo = [DEPT_049.DeptNo;
EMPNO	ENAME	ЈОВ	DEPTNO
SAL	CUSTHANDLING	DEPTNO DEPTNAME	
	Shushrut Kumar 1	Manager 1 General Management	1
		J.Manager 1 General Management	1
	Vidhi Rai 3	Analyst 2 Marketing	2
EMPNO	ENAME	ЈОВ	DEPTNO
	CUSTHANDLING	DEPTNO DEPTNAME	
103	Param Shah	Accountant 2 Marketing	2
104 2000	Jakin Patel 4	Assistant 3 Human Resource	3
105 1500	Don Draper 5	PM 4 Sales	4

3. Display the employee details, departments that the departments are not same in both the emp and dept.

select * from EMP_049, DEPT_049 where EMP_049.DeptNo != DEPT_049.DeptNo;

SQL> select * from EMP_049, DEPT_049 where EMP_049.DeptNo != DEPT_049.DeptNo;				
EMPNO	ENAME	JOB	DEPTNO	
SAL	CUSTHANDLING	DEPTNO DEPTNAME		
102 5000	Vidhi Rai 3	Analyst 1 General Management	2	
103 2500	Param Shah 4	Accountant 1 General Management	2	
104 2000	Jakin Patel 4	Assistant 1 General Management	3	
EMPNO	ENAME	ЈОВ	DEPTNO	
SAL	CUSTHANDLING	DEPTNO DEPTNAME		
	Don Draper 5	PM 1 General Management	4	
	Shushrut Kumar 1	Manager 2 Marketing	1	
101 3500	Viren Parmar 2	J.Manager 2 Marketing	1	
EMPNO	ENAME	JOB	DEPTNO	
SAL	CUSTHANDLING	DEPTNO DEPTNAME	_	
104 2000	Jakin Patel	Assistant 2 Marketing	3	
105 1500	Don Draper 5	PM 2 Marketing	4	
100 4000	Shushrut Kumar 1	Manager 3 Human Resource	1	
EMPNO	ENAME	JOB	DEPTNO	

4. Display the Student name and grade by implementing a left outer join.

select name, grade from STUD_049 left outer join GRADE_049 on STUD_049.RegNo = GRADE_049.RegNo;

5. Display the Student name, register no, and result by implementing a right outer join.

select STUD_049.RegNo, Name, Result from STUD_049 right outer join RESULT_049 on STUD_049.RegNo = RESULT_049.RegNo;

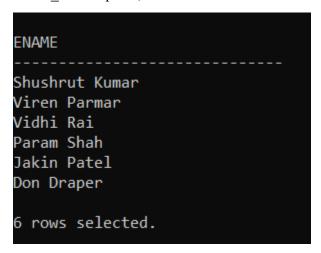
SQL> select STUD_049.RegNo, Na	me, Result from STUD_049 right outer
REGNO NAME	RESU
1 Shushrut Kumar	PASS
2 Viren Parmar	PASS
3 Vidhi Rai	PASS
4 Param Shah	PASS
5 Jakin Patel	FAIL
6 Don Draper	FAIL
6 rows selected.	

6. Display the details of those who draw the salary greater than the average salary select * from EMP 049 where SAL > (select avg(SAL) from EMP 049);

SQL> select	t * from EMP_049 where SAL >	(select avg(SAL) from	EMP_049);
EMPNO	ENAME	ЈОВ	DEPTNO
SAL	CUSTHANDLING		
100 4000	Shushrut Kumar 1	Manager	1
101 3500	Viren Parmar 2	J.Manager	1
102 5000	Vidhi Rai 3	Analyst	2

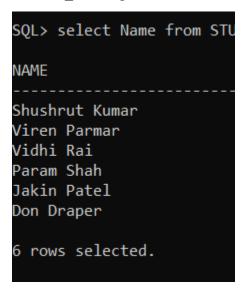
7. Write a query to display their employee names (using any join)

select EName from EMP_049 left outer join DEPT_049 on EMP_049.DeptNo = DEPT 049.DeptNo;



8. Display the Student name register no by implementing a full outer join.

select Name from STUD_049 full outer join GRADE_049 on STUD_049.RegNo = GRADE 049.RegNo;



9. Get all combinations of emp and cust information such that the emp and cust are co-located.

select EmpNo, EName, CustName from EMP_049, CUST_049 where EMP_049.CustHandling = CUST_049.CustId;

10. Display the Employee number, Employee name and department name of the employees who are working for some department

select EmpNo, EName, DeptName from EMP_049, DEPT_049 where EMP_049.DeptNo = DEPT_049.DeptNo;

```
SQL> select EmpNo, EName, DeptName from EMP_049, DEPT_049 where EMP_049.DeptNo = DEPT_049.DeptNo;

EMPNO ENAME

100 Shushrut Kumar
General Management
101 Viren Parmar
General Management
102 Vidhi Rai
Marketing
103 Param Shah
Marketing
104 Jakin Patel
Human Resource
Sales

6 rows selected.
```

11. Display the First and Last Name of Customer who have taken Loan

select CustName, Lid, Amount from CUST_049, LOAN_049 where CUST_049.CustId = LOAN 049.CustId;

SQL> select CustName, l	Lid, Amount from CU	ST_049, LO	AN_049 where	CUST_049.CustId	= LOAN_049.CustId;
CUSTNAME	LID	AMOUN	Т		
Dwight Schrut	10	5000	9		
Kelly Kapoor	20	3500	0		
Ted Mosbey	30	8000	9		