

# Assignment 4

1. Display the employees whose Manager ID is the same as that of Employee ID 101.

```
SQL> select fname,lname,deptid, mangid
2  from employee_source
3  where mangid = (select mangid from employee_source where empid=101);
```

FNAME	LNAME	DEPTID	MANGID
Gopal	Sharma	101	101
Rekha	Gupta	101	101

2. Display the details of employees who is having minimum salary.

```
SQL> select fname,lname,deptid,salary
2  from employee_source
3  where salary =
4  (select min(salary)from employee_source);
```

FNAME	LNAME	DEPTID	SALARY
Aman	Mehra	105	38000

3. Display details of employees get more salary that employee whose ID = 102.

```
SQL> select fname,lname,salary
2  from employee_source
3  where salary >
4  (select salary from
5  employee_source
6  where empid=102);
```

FNAME	LNAME	SALARY
Gopal	Sharma	45000
Teena	Patel	50000

4. Create a query to display the employee number and name for all employees who earn more than the average salary.

```
SQL> select avg(salary) from employee_source;
```

```
AVG(SALARY)
```

```
-----
```

```
42500
```

```
SQL> select empid,fname,lname,salary
2  from employee_source
3  where salary>(select avg(salary) from employee_source);
```

EMPID	FNAME	LNAME	SALARY
101	Gopal	Sharma	45000
103	Teena	Patel	50000

5. Display the employee name, department number, and job title for all employees whose department name is Accounts. (using equijoin)

```
SQL> select empid,fname,lname,d.deptid,d.deptname
2  from employee_source e, department_source d
3  where e.deptid=d.deptid
4  and d.deptname='Accounts';
```

EMPID	FNAME	LNAME	DEPTID	DEPTNAME
101	Gopal	Sharma	101	Accounts
102	Rekha	Gupta	101	Accounts

6. Display employee details (name, department id and salary) who are receiving minimum salary in their department.

```
SQL> select fname,lname,deptid,salary
2  from employee_source
3  where salary in(select min(salary) from employee_source group by deptid);
```

FNAME	LNAME	DEPTID	SALARY
Rekha	Gupta	101	42000
Teena	Patel	102	50000
Hitesh	Velvi	103	41000
Naman	Shukla	104	39000
Aman	Mehra	105	38000

7. Retrieve the name of employees and their dept name (using JOIN)

```
SQL> select e.fname,e.lname,d.deptname
2  from employee_source e inner join department_source d
3  on e.deptid=d.deptid;
```

FNAME	LNAME	DEPTNAME
Gopal	Sharma	Accounts
Rekha	Gupta	Accounts
Teena	Patel	Sales
Hitesh	Velvi	Production
Naman	Shukla	HR
Aman	Mehra	IT

6 rows selected.

8. Display department name where there is no employee (using right join)

```
SQL> select e.fname,e.lname,d.deptname
2  from employee_source e right join department_source d
3  on e.deptid=d.deptid;
```

FNAME	LNAME	DEPTNAME
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Gopal	Sharma	Accounts
Rekha	Gupta	Accounts
Teena	Patel	Sales
Hitesh	Velvi	Production
Naman	Shukla	HR
Aman	Mehra	IT

6 rows selected.

SQL> desc employee\_source;

Name	Null?	Type
EMPID	NOT NULL	NUMBER(3)
FNAME		VARCHAR2(20)
LNAME		VARCHAR2(20)
BDATE		DATE
DJOIN		DATE
CITY		VARCHAR2(20)
GENDER		CHAR(1)
SALARY		NUMBER(8)
DEPTID		NUMBER(3)
MANGID		NUMBER(3)

9. Display employee with their department and also list employees who are not assigned any department (using left join).

SQL> insert into employee\_source(empid, fname, lname, bdate, djoin, city, gender, salary)  
2 values(108, 'dipen', 'mehta', '21 march 1990', '23 march 2021', 'bharuch', 'm', 25000);

1 row created.

SQL> select e.empid, e.fname, e.lname, d.deptname  
2 from employee\_source e left join department\_source d  
3 on e.deptid=d.deptid;

EMPID	FNAME	LNAME	DEPTNAME
102	Rekha	Gupta	Accounts
101	Gopal	Sharma	Accounts
103	Teena	Patel	Sales
104	Hitesh	Velvi	Production
105	Naman	Shukla	HR
106	Aman	Mehra	IT
108	dipen	mehta	

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7 rows selected.

10. Demonstrate the use of full join on table employee\_source & department\_source.

```
SQL> select e.empid, e.fname,e.lname,d.deptname  
2  from employee_source e full join department_source d  
3  on e.deptid=d.deptid;
```

EMPID	FNAME	LNAME	DEPTNAME
101	Gopal	Sharma	Accounts
102	Rekha	Gupta	Accounts
103	Teena	Patel	Sales
104	Hitesh	Velvi	Production
105	Naman	Shukla	HR
106	Aman	Mehra	IT
108	dipen	mehta	

7 rows selected.