

```

SELECT E.EMPNO,E.ENAME,D.DNAME,D.DLOC
FROM EMPLOYEE E,DEPT1 D
WHERE E.DEPTNO=D.DEPTNO;

```

	EMPNO	ENAME	DNAME	DLOC
▶	E101	Aarav	HR	Bengaluru
	E102	Diya	Finance	Hyderabad
	E103	Ravi	IT	Mysuru
	E104	Kiran	IT	Mysuru
	E105	Meena	Sales	Chennai
	E106	Rohit	R&D	Delhi

```

SELECT E.EMPNO,E.ENAME
FROM EMPLOYEE E
LEFT JOIN ASSIGNED_TO A ON E.EMPNO=A.EMPNO
WHERE A.PNO IS NULL;

```

	EMPNO	ENAME

```

SELECT P.PNAME,COUNT(A.EMPNO) AS HEADCOUNT
FROM PROJECT P
LEFT JOIN ASSIGNED_TO A ON P.PNO=A.PNO
GROUP BY P.PNAME
ORDER BY HEADCOUNT DESC;

```

	PNAME	HEADCOUNT
▶	ERP Upgrade	2
	Payroll System	1
	Tax Automation	1
	CRM App	1
	AI Research	1
	Ad Campaign	0

```

SELECT D.DEPTNO,D.DNAME,AVG(E.SAL) AS AVG_SAL,MAX(E.SAL) AS MAX_SAL
FROM DEPT1 D,EMPLOYEE E
WHERE D.DEPTNO=E.DEPTNO
GROUP BY D.DEPTNO,D.DNAME;

```

	DEPTNO	DNAME	AVG_SAL	MAX_SAL
▶	10	HR	20000.000000	20000.00
	20	Finance	40000.000000	40000.00
	30	IT	62500.000000	70000.00
	40	Sales	30600.000000	30600.00
	60	R&D	30800.000000	30800.00

```

SELECT E.EMPNO,E.ENAME,SUM(I.INCENTIVE_AMOUNT) AS TOTAL_INCENTIVES
FROM EMPLOYEE E,INCENTIVES I
WHERE E.EMPNO=I.EMPNO
GROUP BY E.EMPNO,E.ENAME;

```

	EMPNO	ENAME	TOTAL_INCENTIVES
▶	E101	Aarav	6500.00
	E102	Diya	3000.00
	E104	Kiran	2500.00
	E105	Meena	2000.00
	E106	Rohit	6000.00

```

SELECT E.EMPNO,E.ENAME,A.JOB_ROLE
FROM EMPLOYEE E,ASSIGNED_TO A,PROJECT P
WHERE E.EMPNO=A.EMPNO AND A.PNO=P.PNO AND P.PNAME="ALPHA PROJECT";

```

	EMPNO	ENAME	JOB_ROLE

```

SELECT D.DEPTNO,D.DNAME,D.DLOC
FROM DEPT1 D
WHERE D.DEPTNO NOT IN(SELECT DEPTNO
FROM EMPLOYEE);

```

	DEPTNO	DNAME	DLOC
▶	50	Marketing	Pune
*	NULL	NULL	NULL

```

SELECT M.EMPNO AS MANAGER_NO,M.ENAME AS MANAGER_NAME,COUNT(E.EMPNO) AS
REPORT_COUNT
FROM EMPLOYEE M,EMPLOYEE E
WHERE E.EMPNO=M.EMPNO
GROUP BY M.EMPNO,M.ENAME;

```

	MANAGER_NO	MANAGER_NAME	REPORT_COUNT
▶	E101	Aarav	1
	E102	Diya	1
	E103	Ravi	1
	E104	Kiran	1
	E105	Meena	1
	E106	Rohit	1

```

SELECT E.EMPNO,E.ENAME,COUNT(DISTINCT PNO) AS PROJECT_COUNT
FROM EMPLOYEE E,ASSIGNED_TO A
WHERE A.EMPNO=E.EMPNO
GROUP BY E.EMPNO,E.ENAME
HAVING COUNT(DISTINCT A.PNO)>1;

```

	EMPNO	ENAME	PROJECT_COUNT