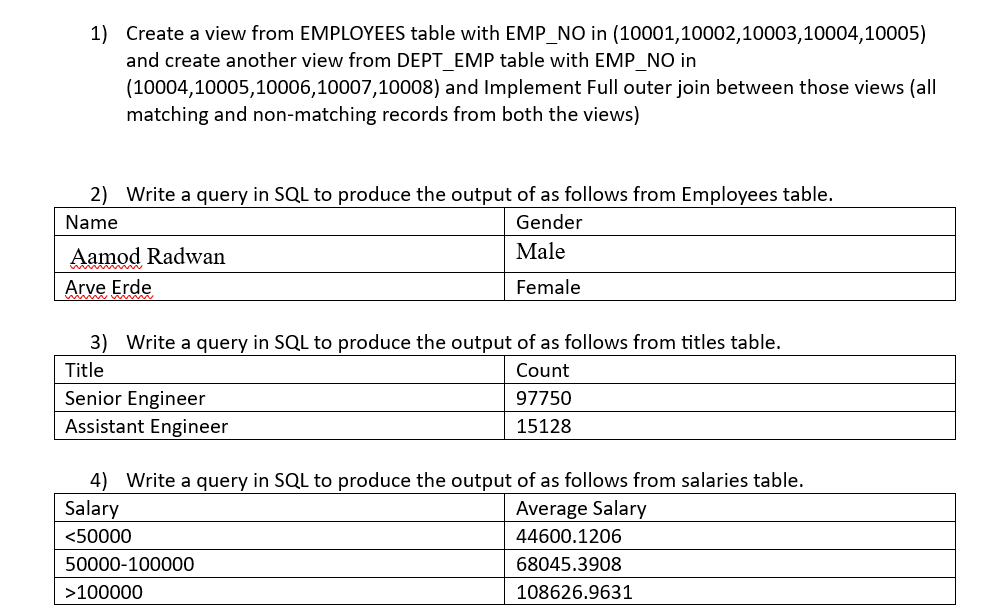
Assignment



**Assignment 1:**

DROP VIEW IF EXISTS employee\_view;

CREATE VIEW employee\_view AS SELECT \* FROM employees WHERE emp\_no IN (10001, 10002, 10003, 10004, 10005);

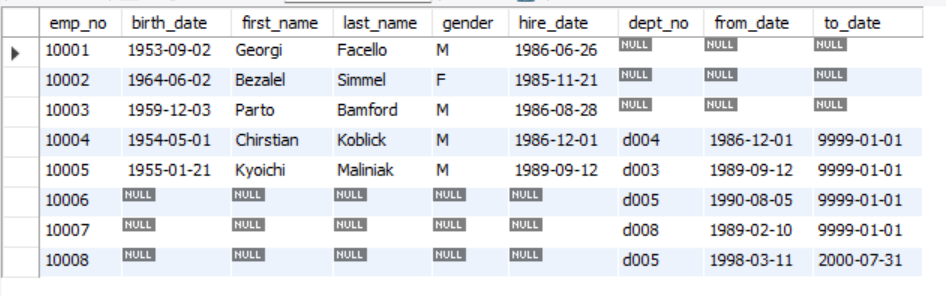
DROP VIEW IF EXISTS dept\_emp\_view;

CREATE VIEW dept\_emp\_view AS SELECT \* FROM dept\_emp WHERE emp\_no IN (10004, 10005, 10006, 10007, 10008);

SELECT e.emp\_no, e.birth\_date, e.first\_name, e.last\_name, e.gender, e.hire\_date, d.dept\_no, d.from\_date, d.to\_date FROM  employee\_view e LEFT JOIN dept\_emp\_view d ON e.emp\_no = d.emp\_no

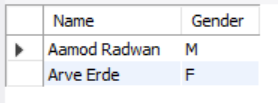
UNION

SELECT d.emp\_no, e.birth\_date, e.first\_name, e.last\_name, e.gender, e.hire\_date, d.dept\_no, d.from\_date, d.to\_date FROM employee\_view e RIGHT JOIN dept\_emp\_view d ON e.emp\_no = d.emp\_no;



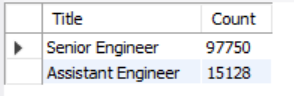
**Assignment 2:**

SELECT concat(first\_name,' ',last\_name) as Name , gender as Gender from employees WHERE (first\_name = 'Aamod' AND last\_name = 'Radwan') OR (first\_name = 'Arve' AND last\_name = 'Erde') limit 2;



**Assignment 3:**

SELECT title as Title , COUNT(emp\_no) as Count from titles where title in ('Senior Engineer' , 'Assistant Engineer') group by title;



**Assignment 4:**

SELECT CASE WHEN salary < 50000 THEN '<50000'

WHEN salary BETWEEN 50000 AND 100000 THEN '50000-100000'

ELSE '>100000'

END AS SalaryRange,

AVG(salary) AS AverageSalary FROM salaries GROUP BY SalaryRange;

