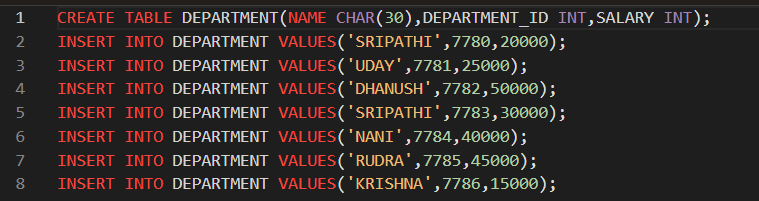
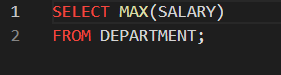
MODULE -2 :-

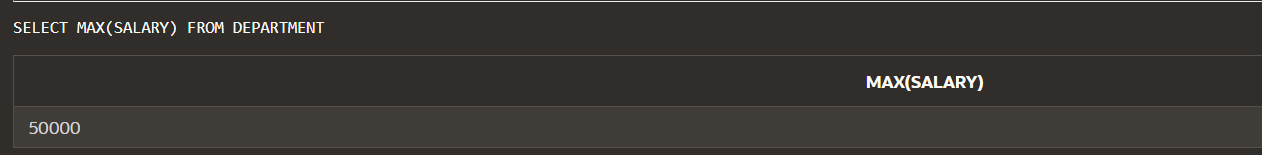
SQL PROBLEMS :-



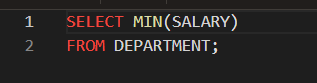


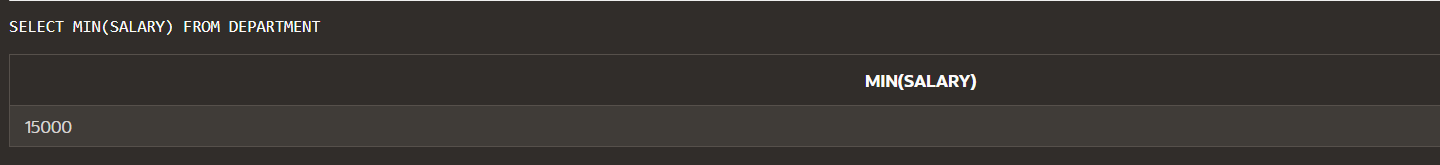
MAX VALUE



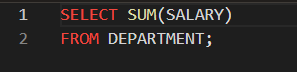


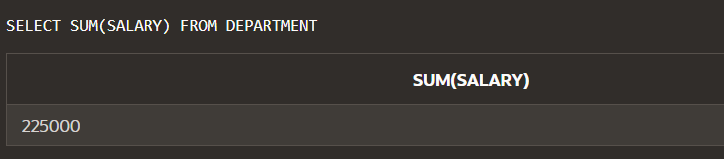
MIN VALUE :-



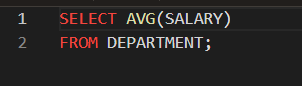


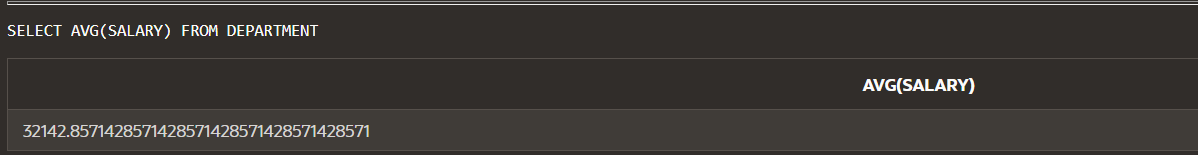
SUM VALUE :-



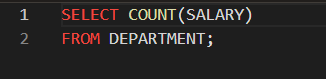


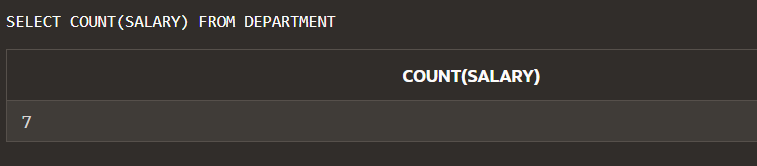
AVG VALUE :-



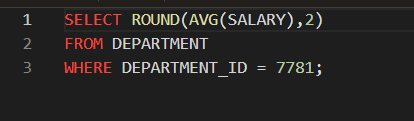


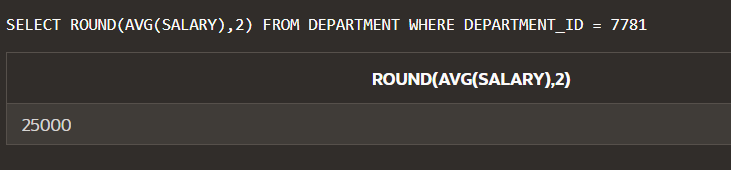
COUNT VALUES :-



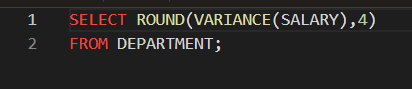


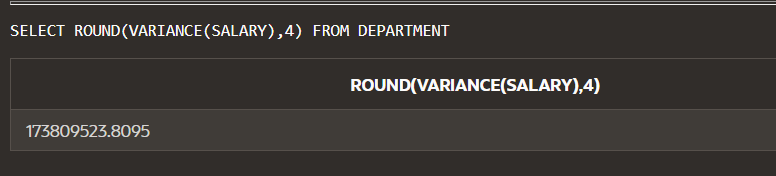
ROUND(AVG(SALARY)) :-



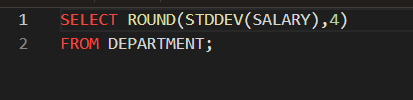


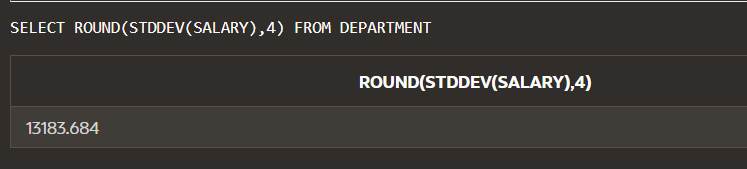
VARIANCE :-



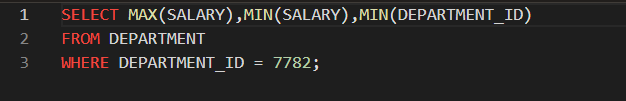


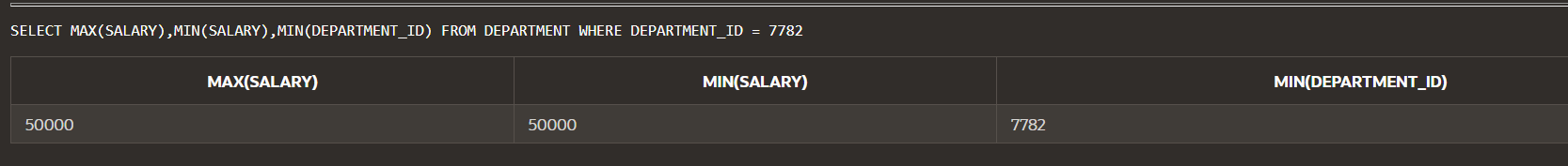
STDDEV :-





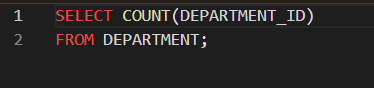
MORE THAN ONE GROUP FUNCTION :-

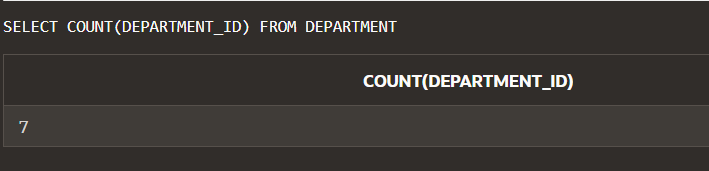




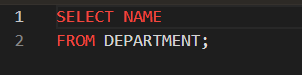
DP\_8\_sg.pdf :-

COUNT :-



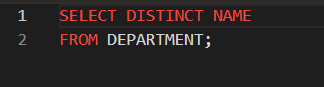


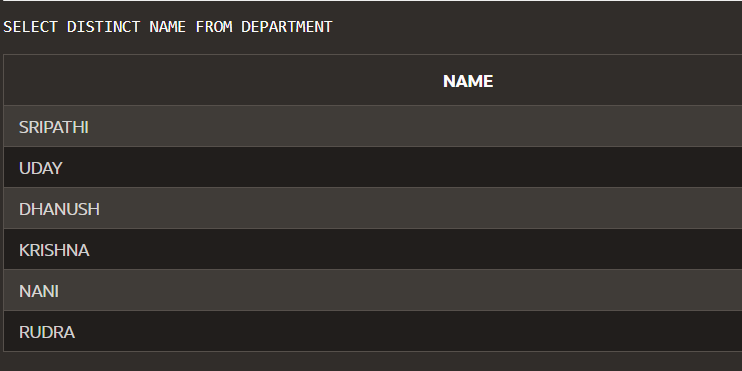
RETURN ALL NAMES :-



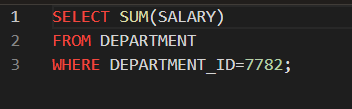


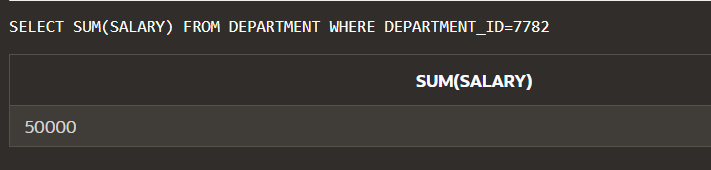
USING DISTINCT :-

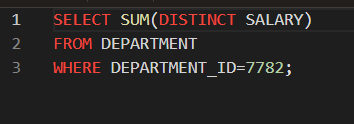


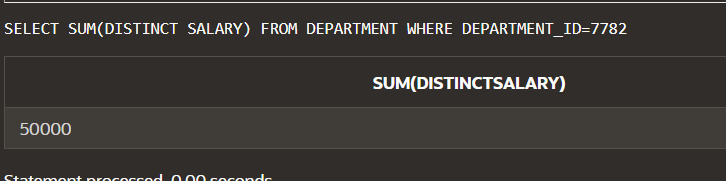


USING DISTINCT SUM :-

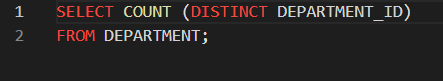


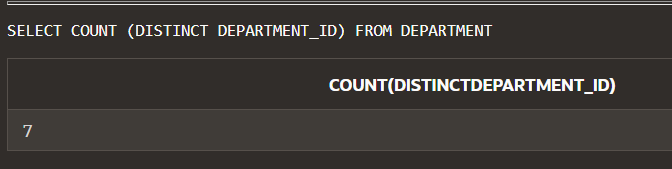




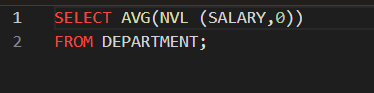


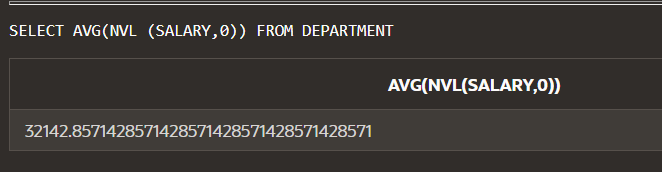
DISTINCT AND COUNT





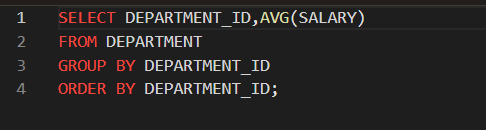
NVL





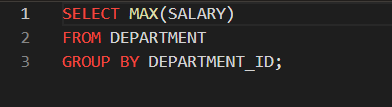
9-1 USING GROUP BY AND HAVING CLAUSES

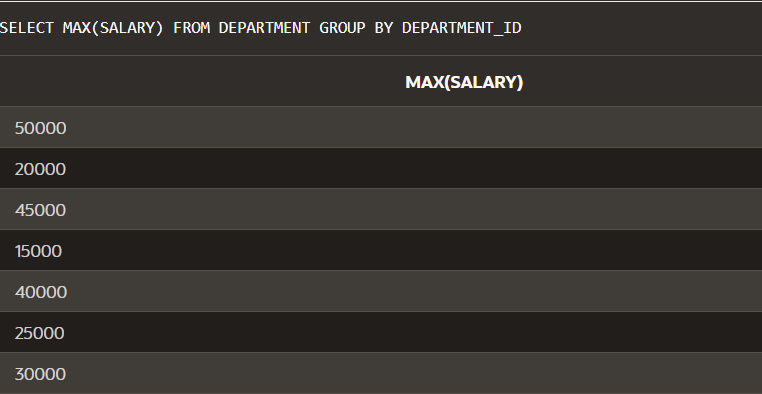
GROUP BY USE :-



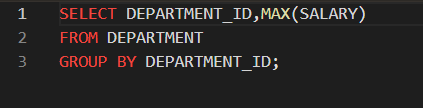


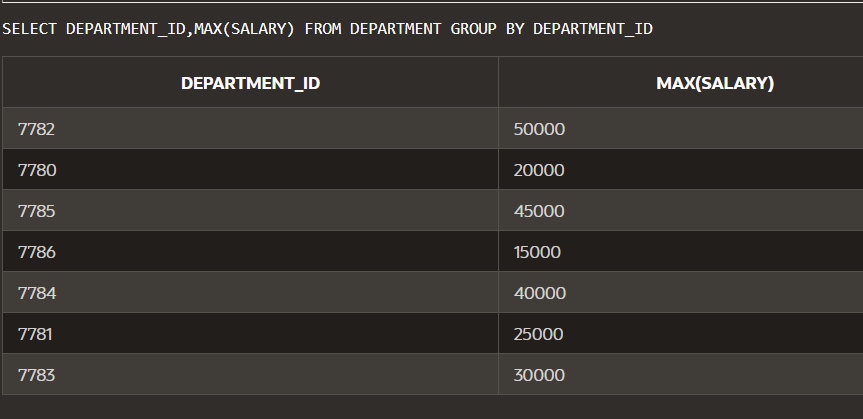
MAXIMUM SALARY OF EMPLOYEES IN EACH DEPARTMENT :-





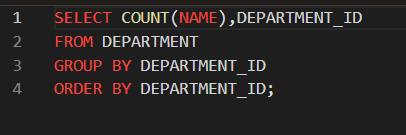
GROUP BY IN SELECT :-

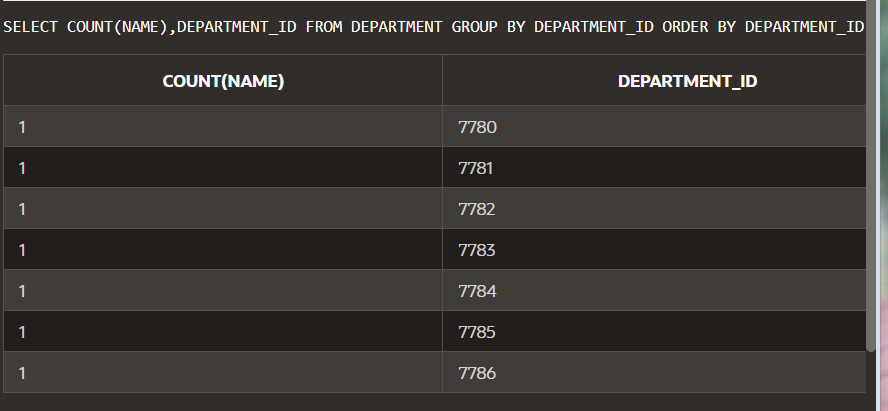




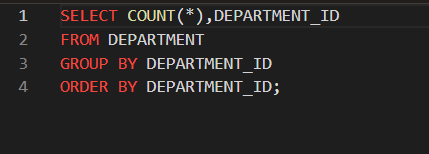
GROUP BY CLAUSE

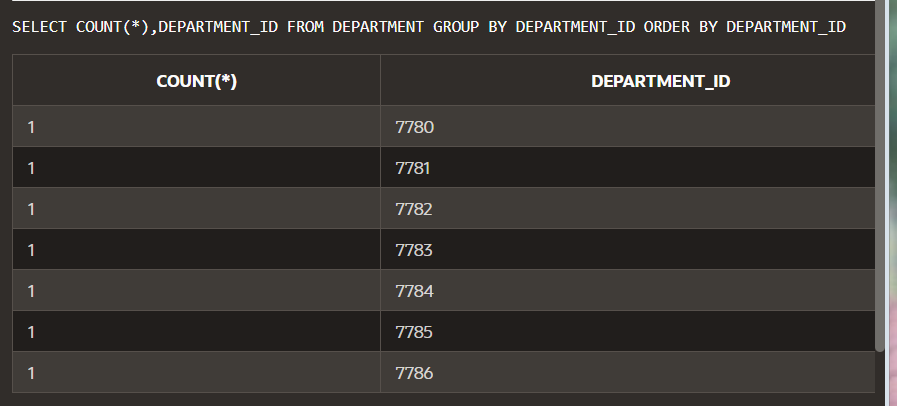
COUNT :-



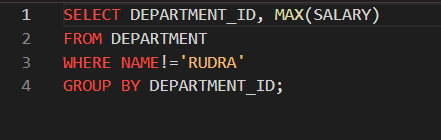


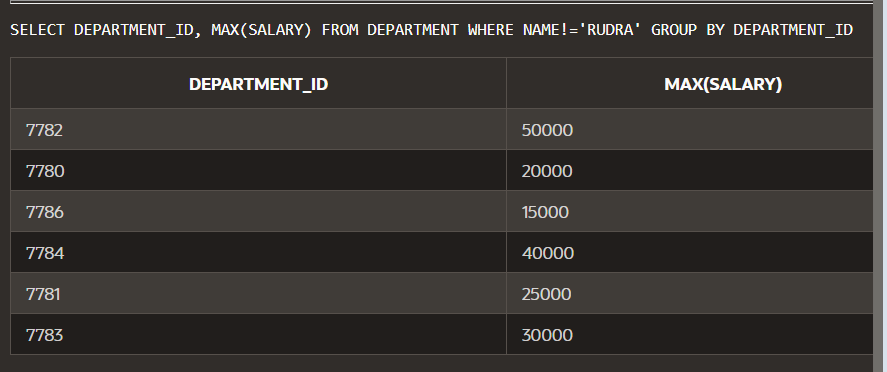
QUERY USING COUNT(\*) :-



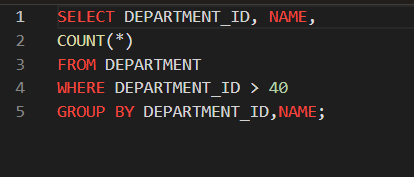


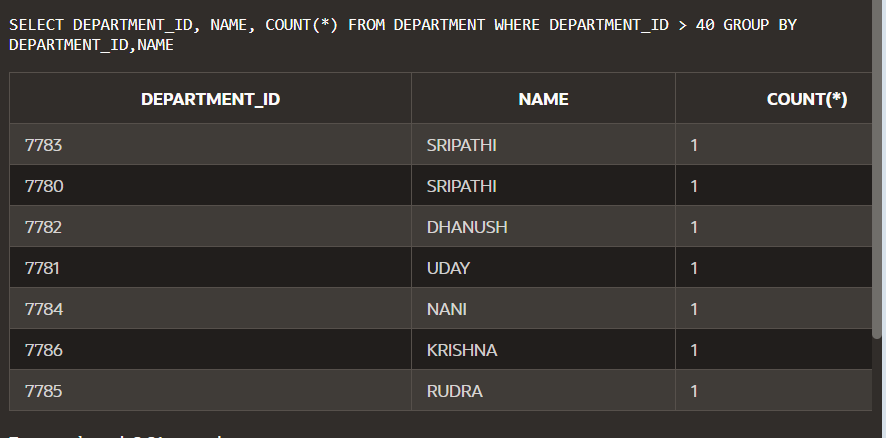
WHERE CLAUSE :-



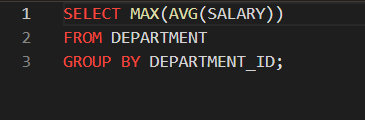


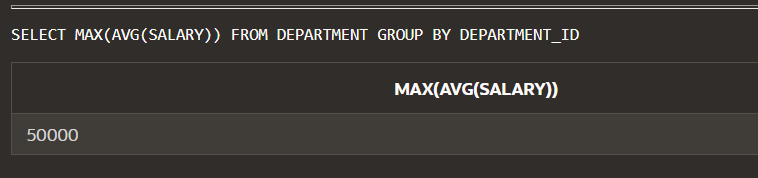
GROUPS WITHIN GROUPS :-



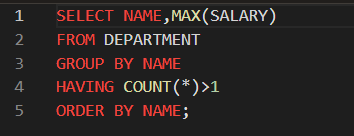


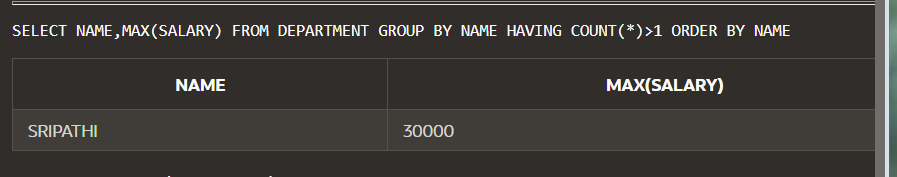
NESTING GROUP FUNCTIONS :-



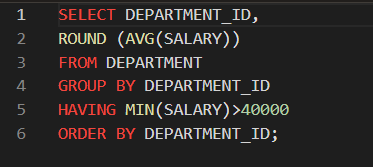


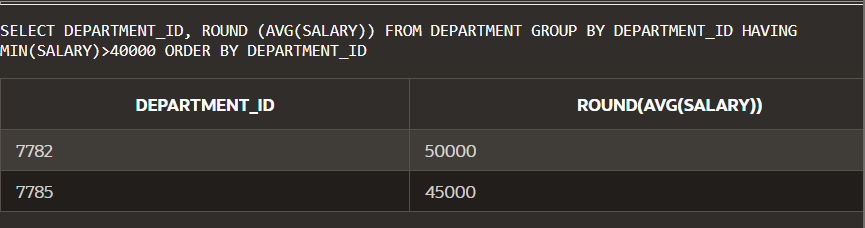
HAVING :-





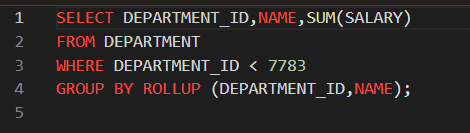
AVERAGE SALARY OF THE EACH DEPARTMENT :-

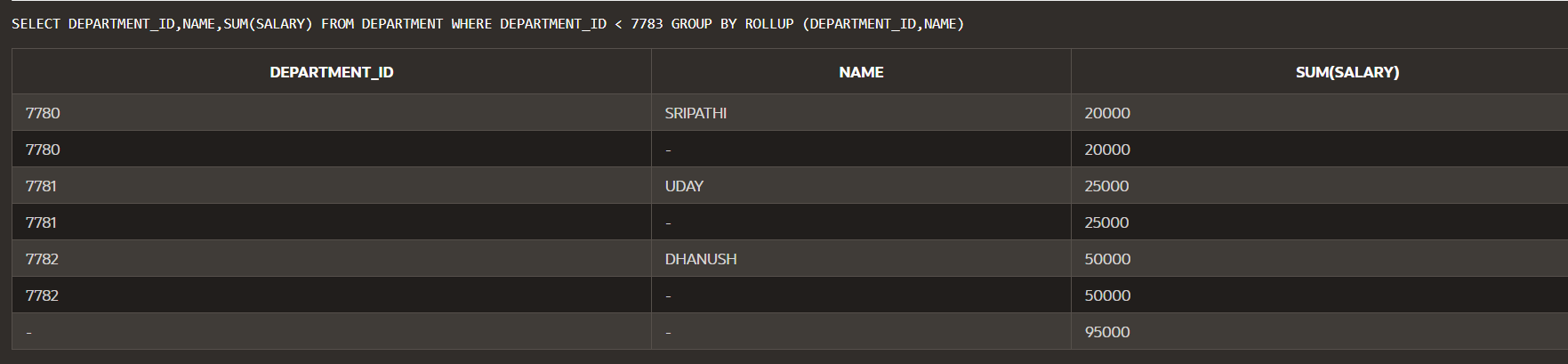




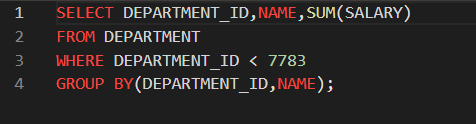
9\_2 USING ROLLUP AND CUBE OPERATIONS AND GROUPING SETS

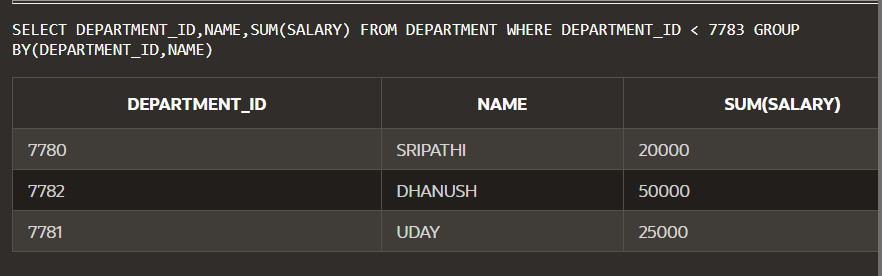
ROLLUP :-



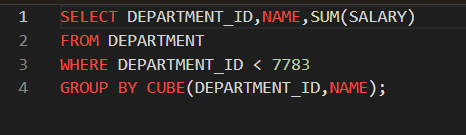


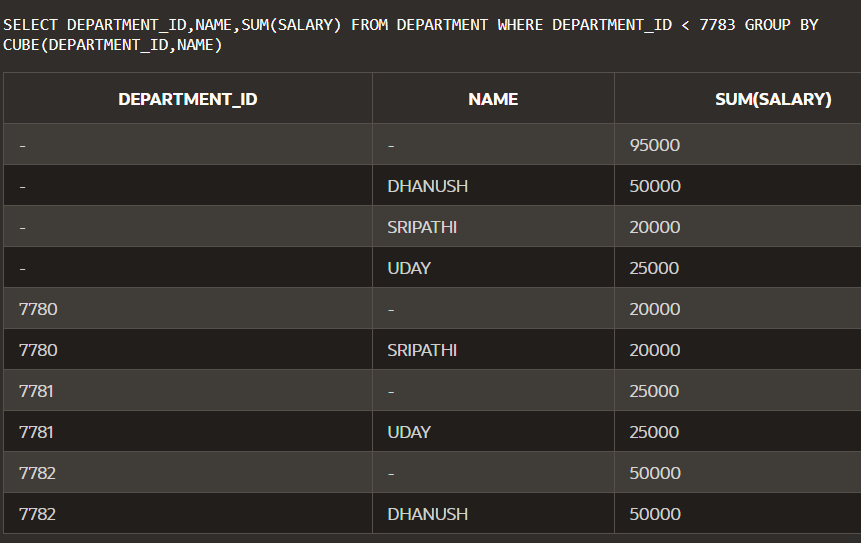
WITHOUT ROLLUP :-



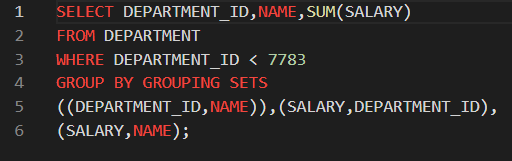


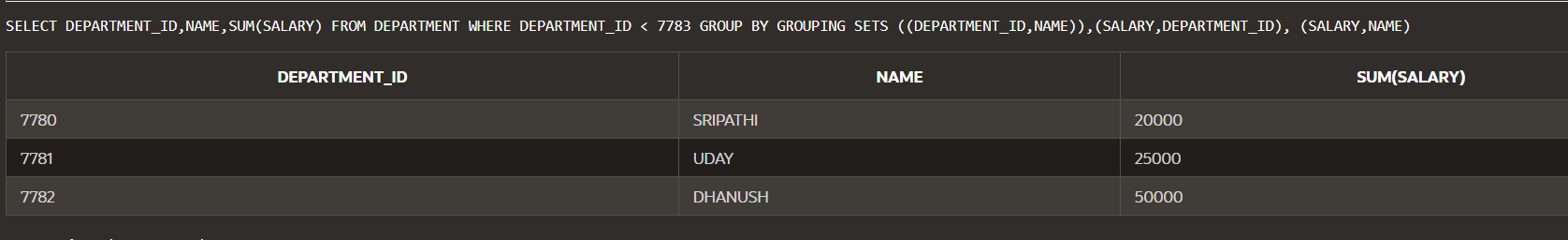
CUBE :-



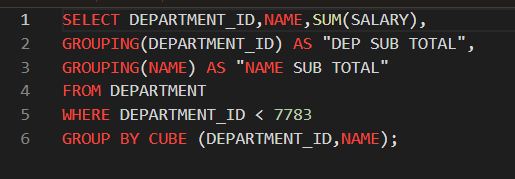


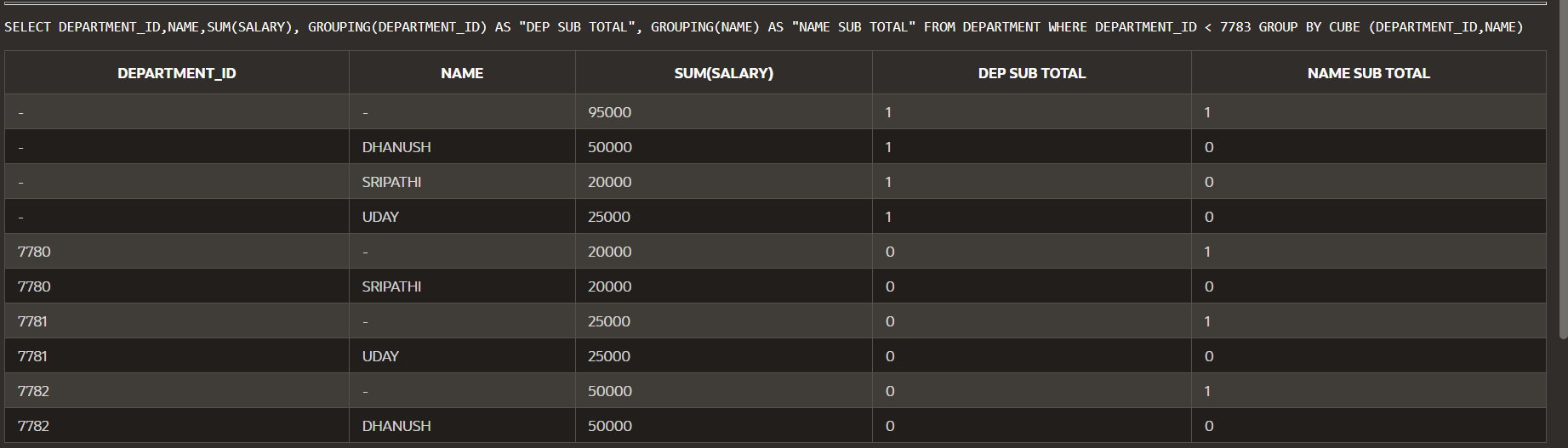
GROUPING SETS :-





GROUPING FUNCTIONS :-

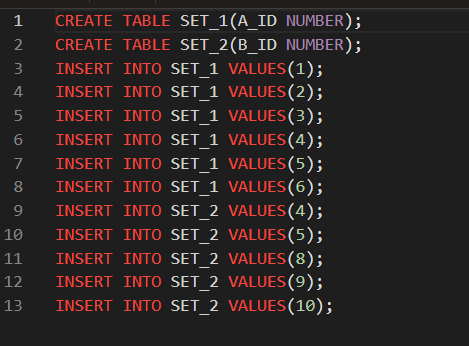


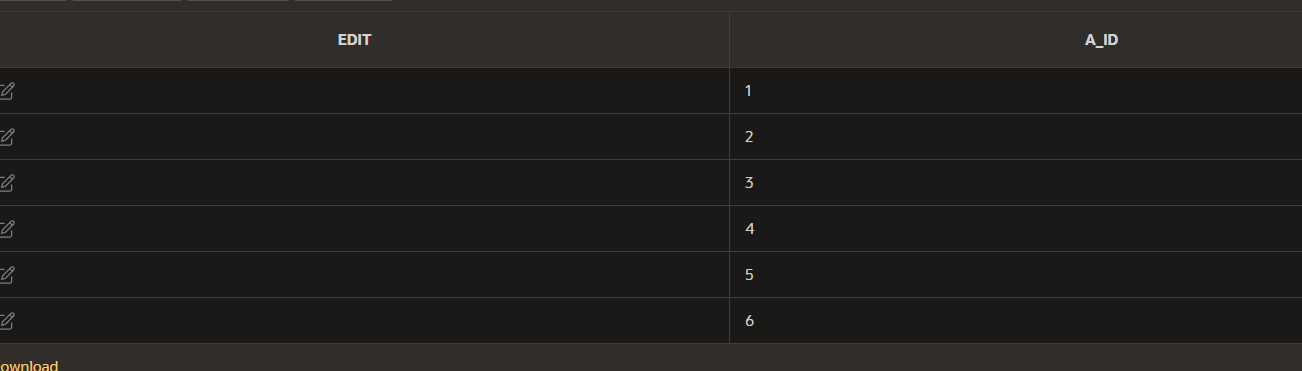


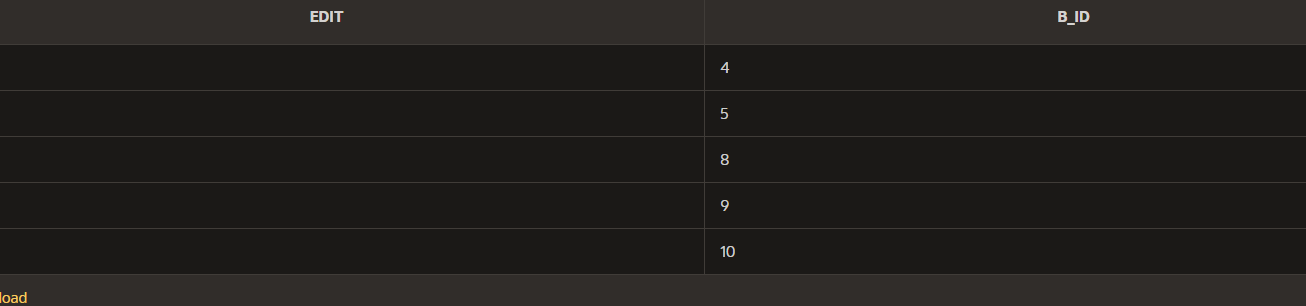
9-3

USING SET OPERATORS

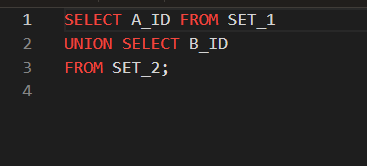
UNION :-

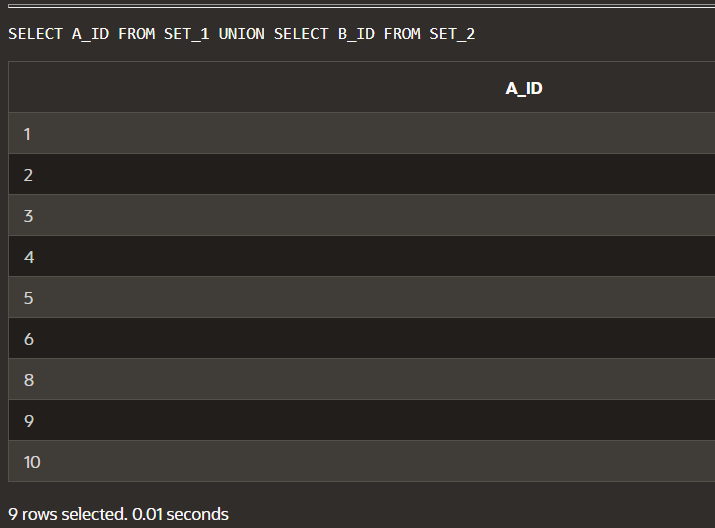




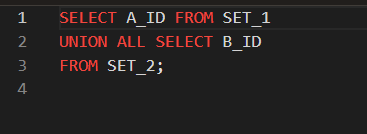


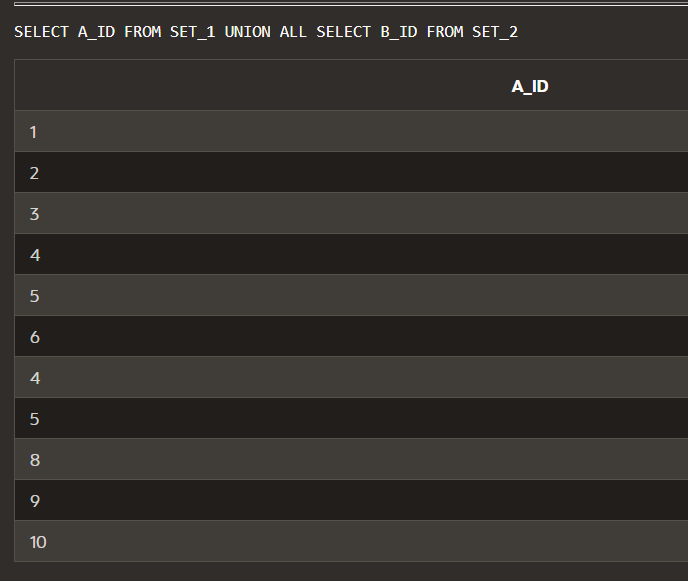
UNION :-



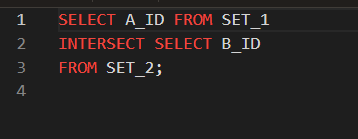


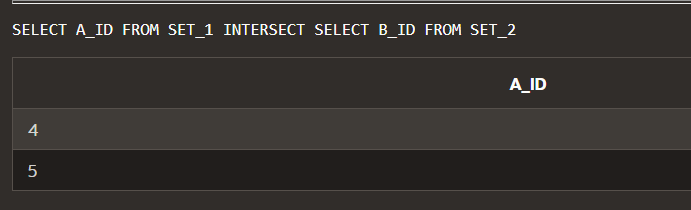
UNION ALL :-



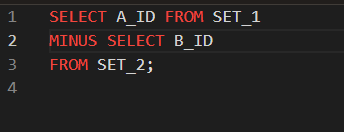


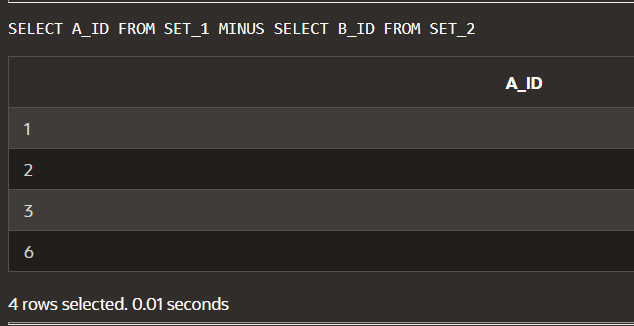
INTERSECT :-





MINUS :-

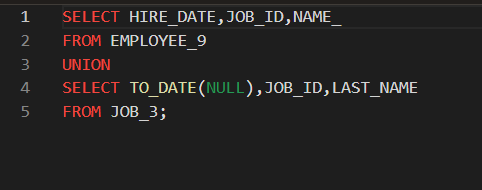


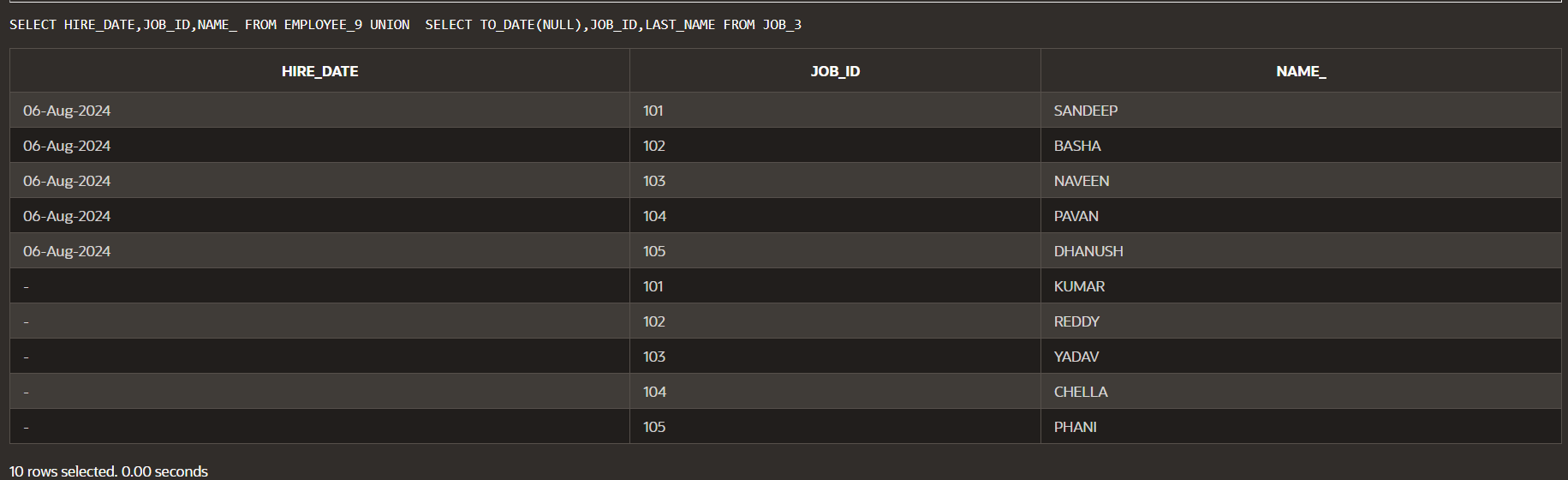


SET OPERATOR :-

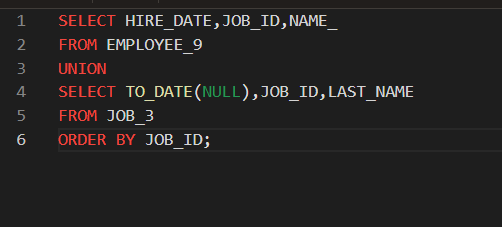


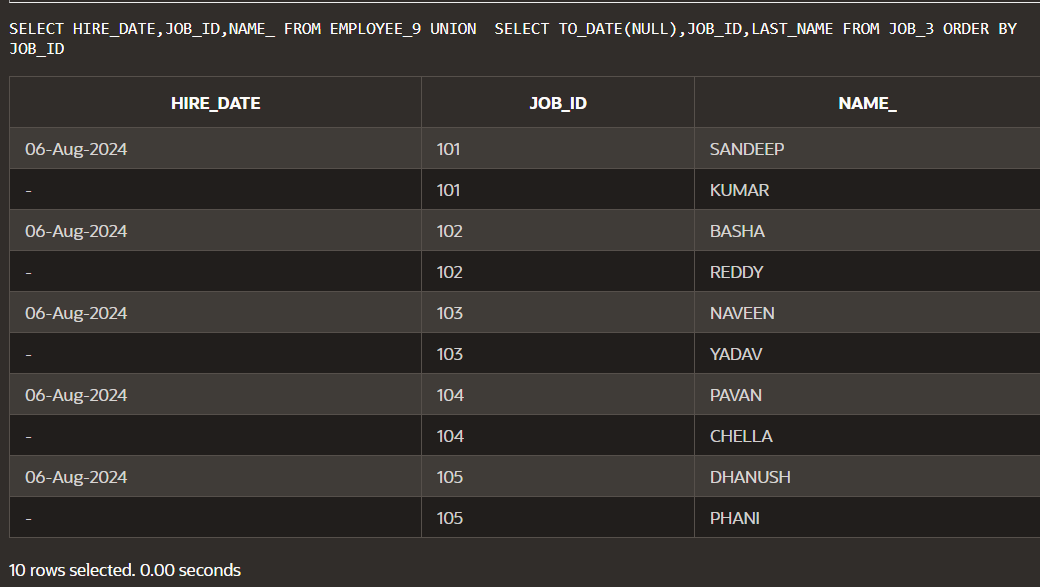




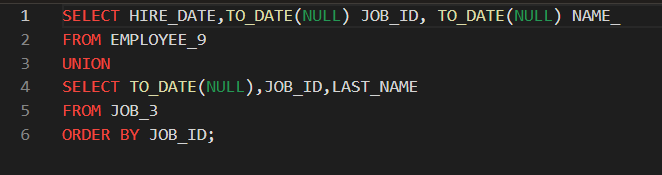


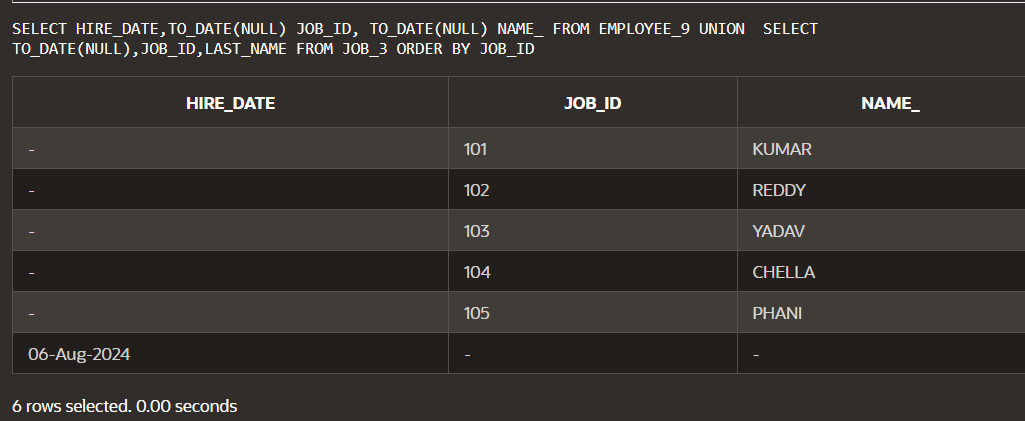
ORDER BY :-



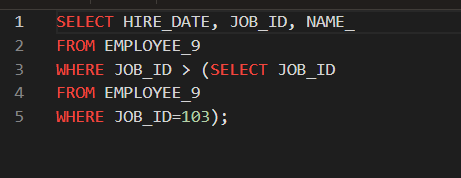


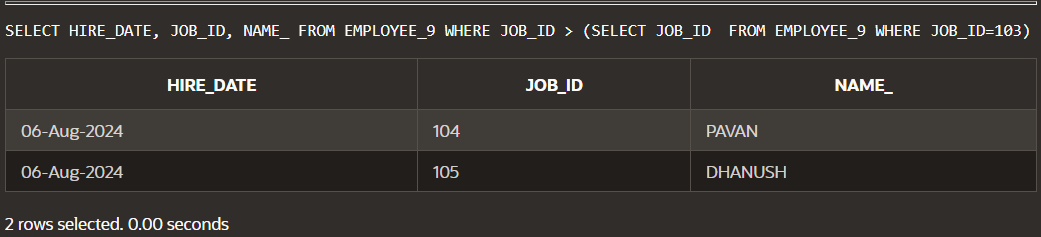
SET OPERATIONS ORDER BY :-



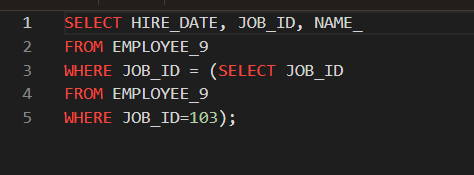


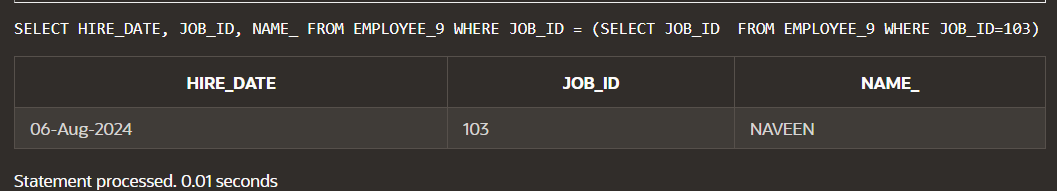
SUBQUERY :-





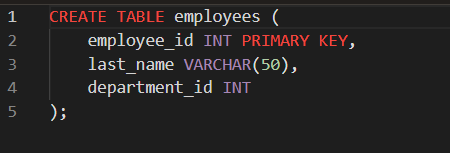
SUBQUERY AND NUL :-

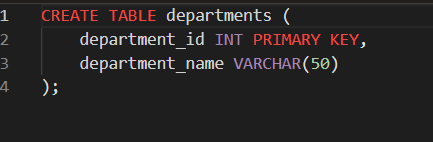


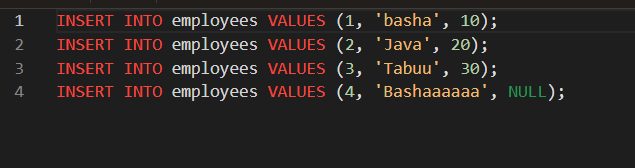


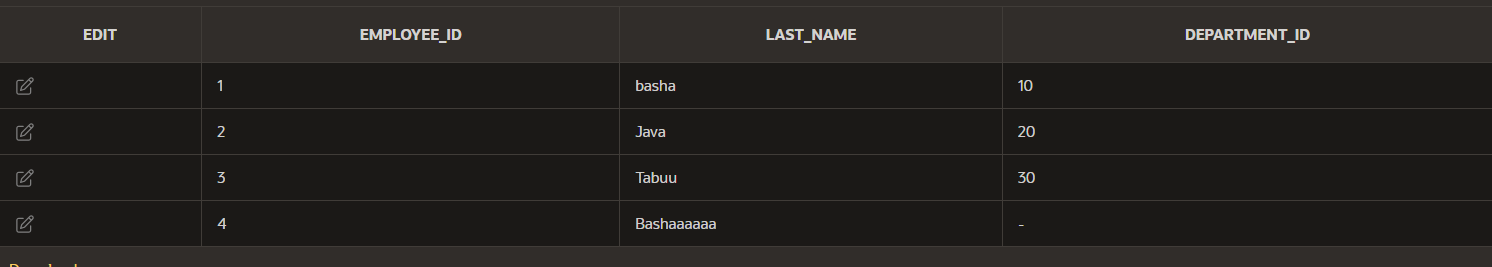
20-1

ENSURING QUALITY QUERY RESULTS- ADVANCED TECHNIQUES









SELECT TABLE :-

