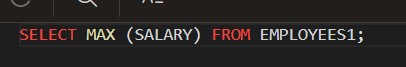
SECTION 8:

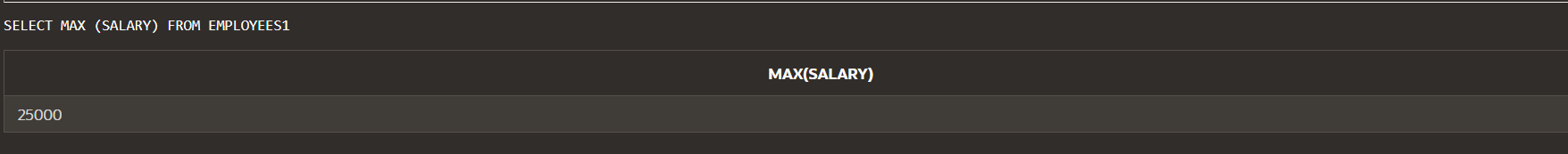
DBMS 05.8.24

--------------------------GROUP FUNCTIONS---------------------------------------------

8.1 SECTION

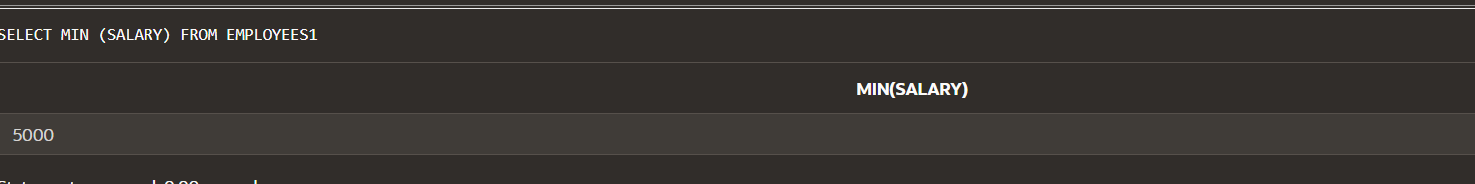
1.MAX



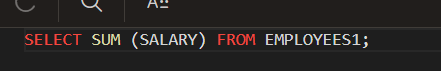


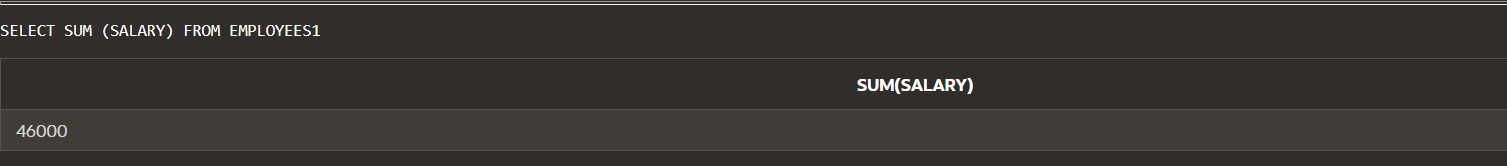
2.MIN





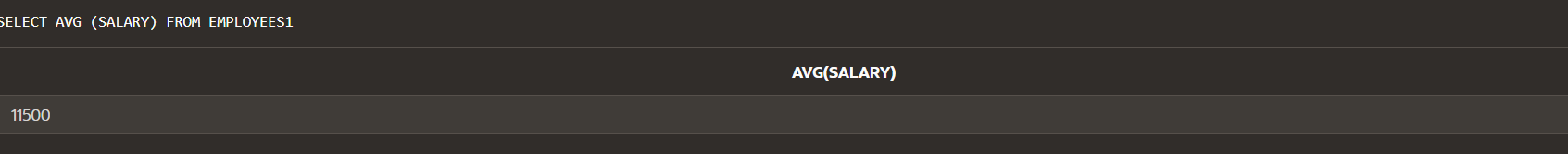
3.SUM





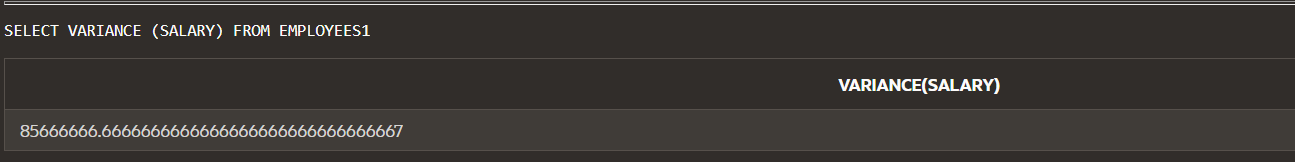
4.AVG





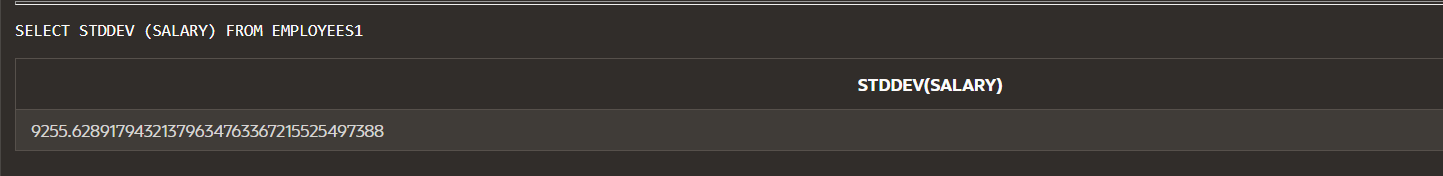
5.VARIANCE





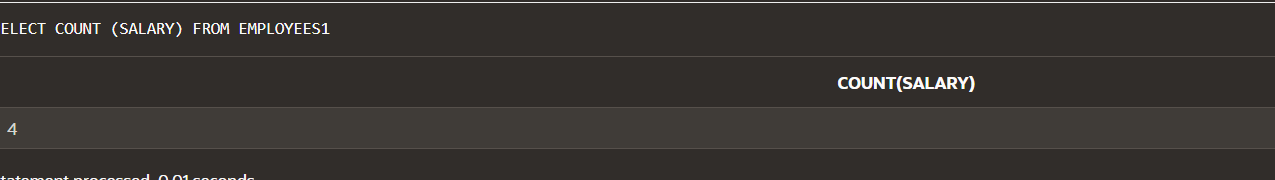
6.STDDEV

4

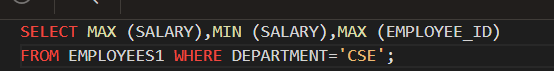


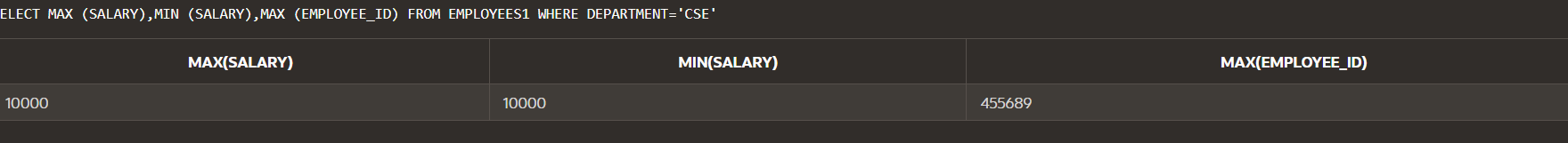
7.COUNT





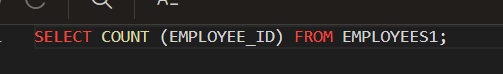
8.MORE THAN ONE GROUP FUNCTION

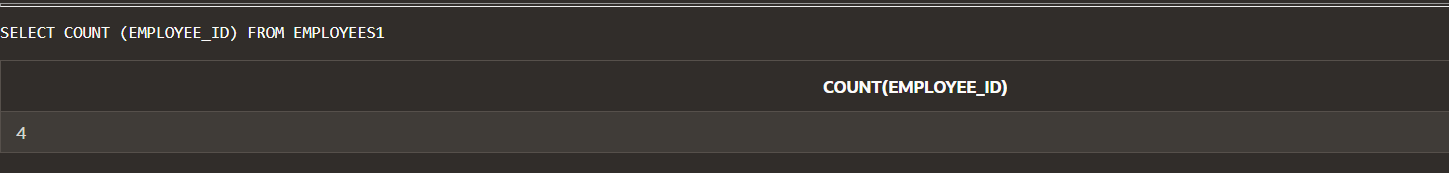




8.2 SECTION

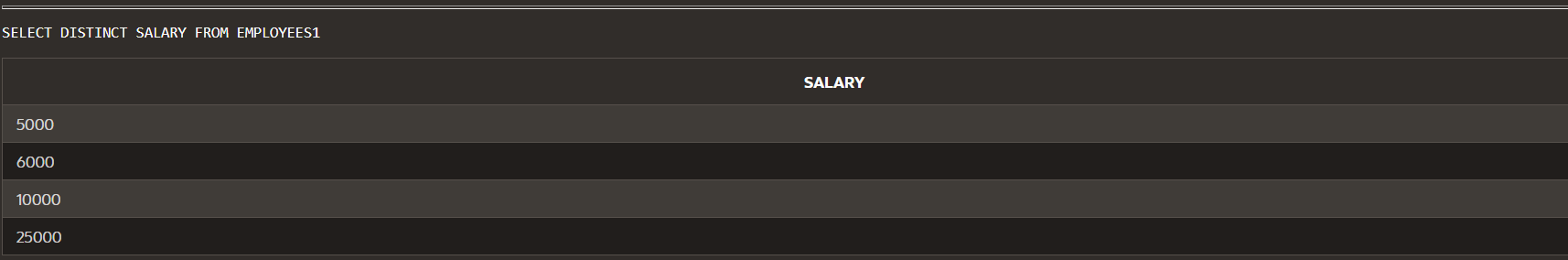
1.COUNT





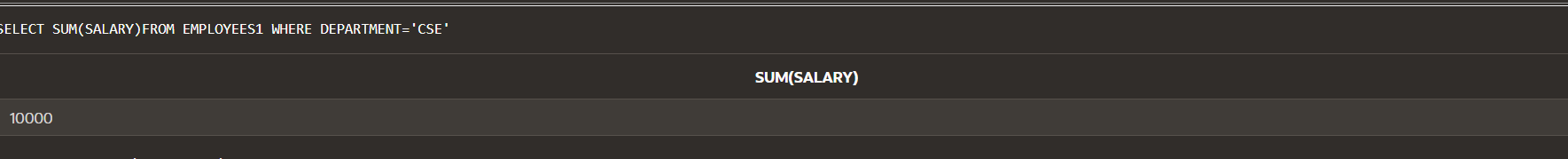
2.DISTINCT



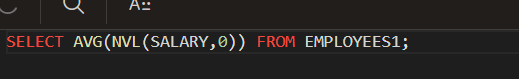


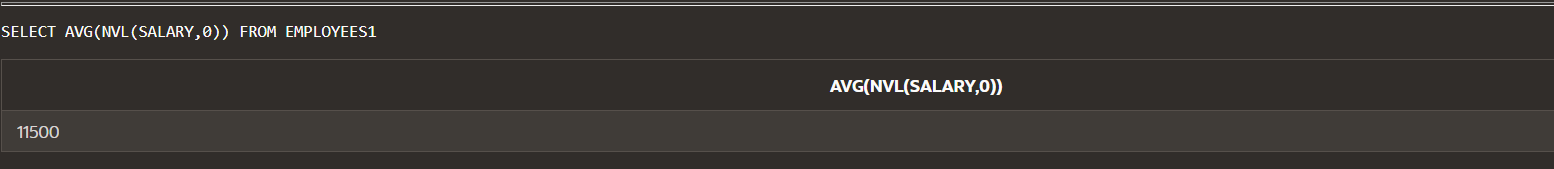
3.USING DISTINCT



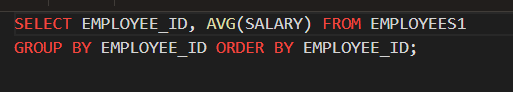


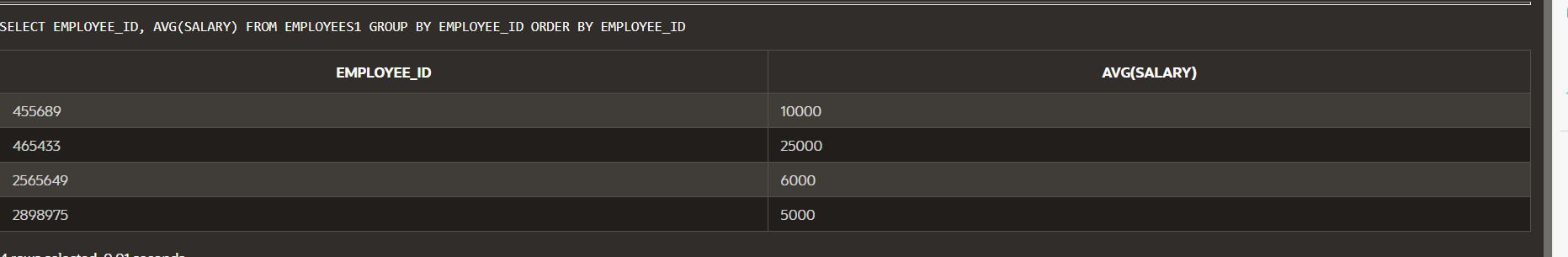
4.NVL





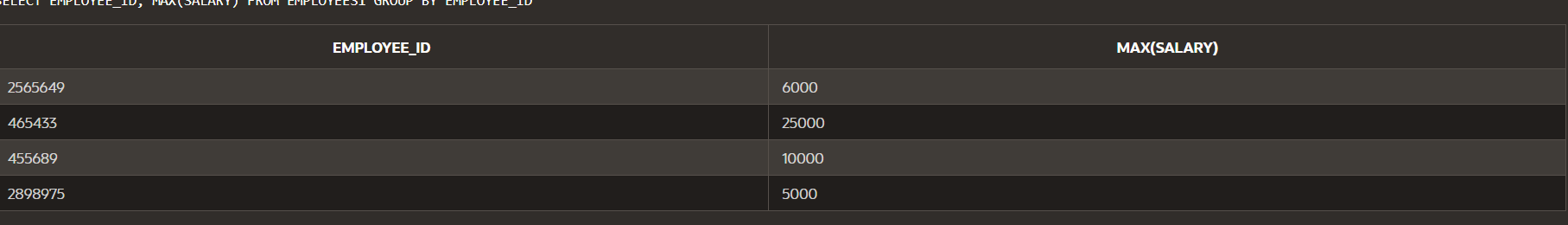
9.1 GROUP BY



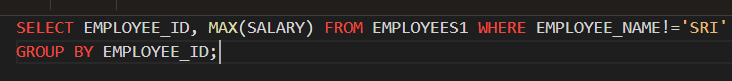


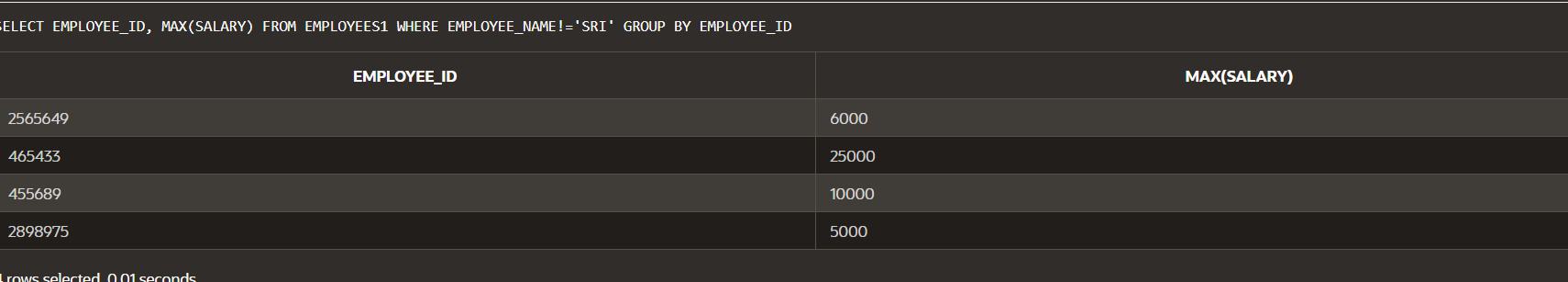
2.GROUP BY IN SELECT



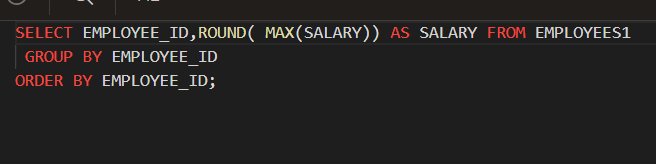


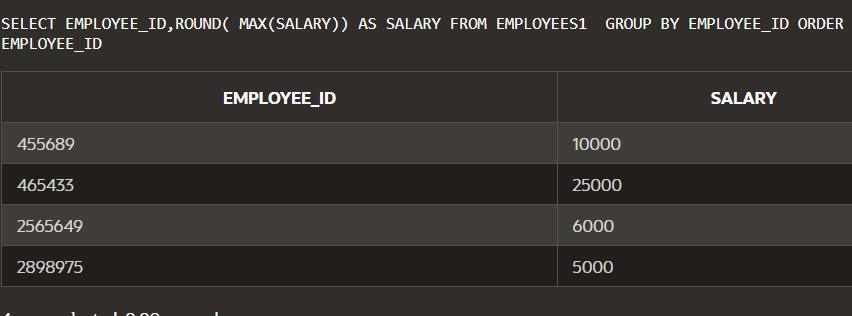
3.WHERE CLAUSE



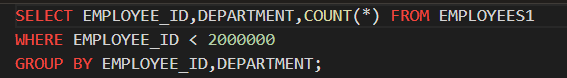


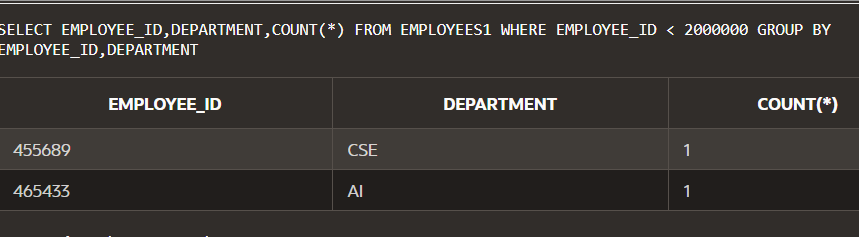
4.MORE GROUP BY



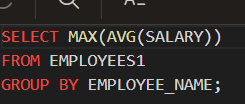


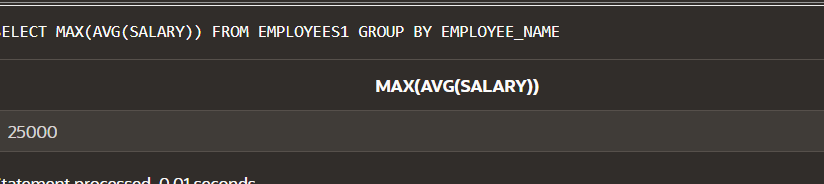
5.GROUP WITHIN GROUPS



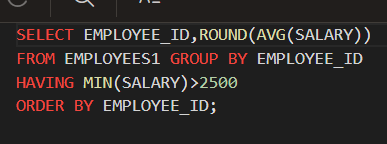


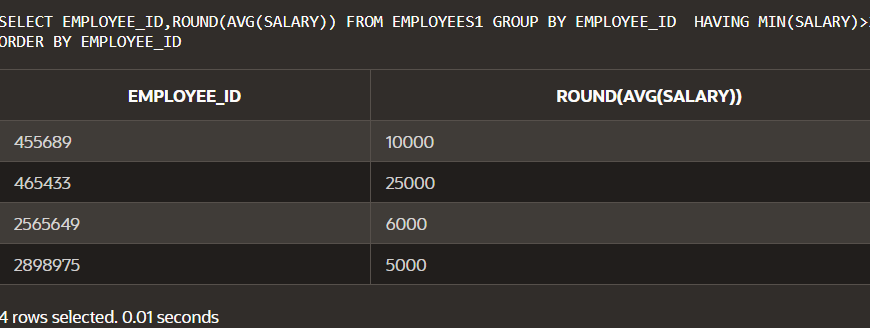
6.NESTING GROUP FUNCTIONS





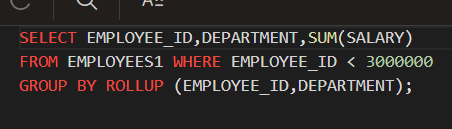
7.HAVING

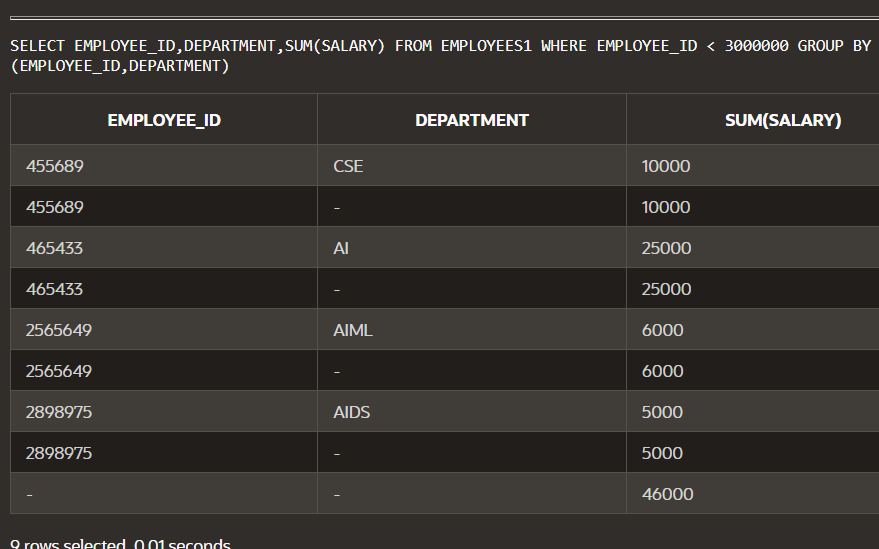




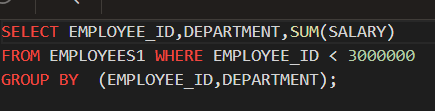
9.2 ROLLING UP AND CUBING UP

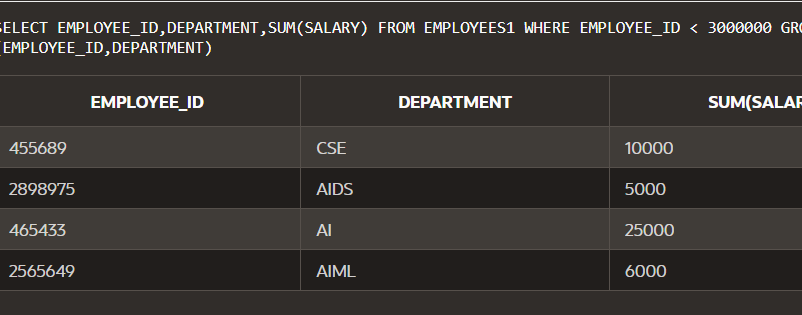
ROLLUP



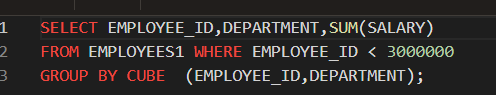


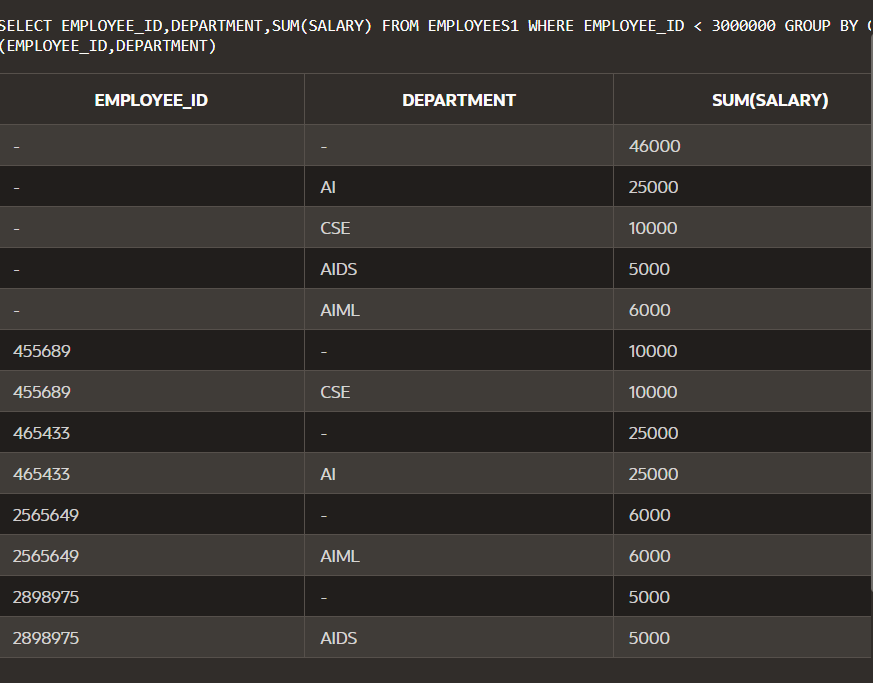
WITHOUT ROLLUP



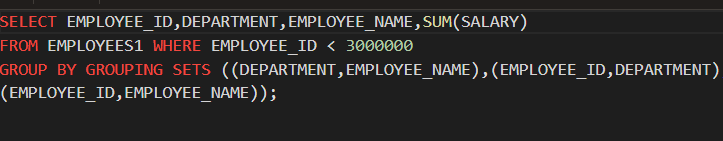


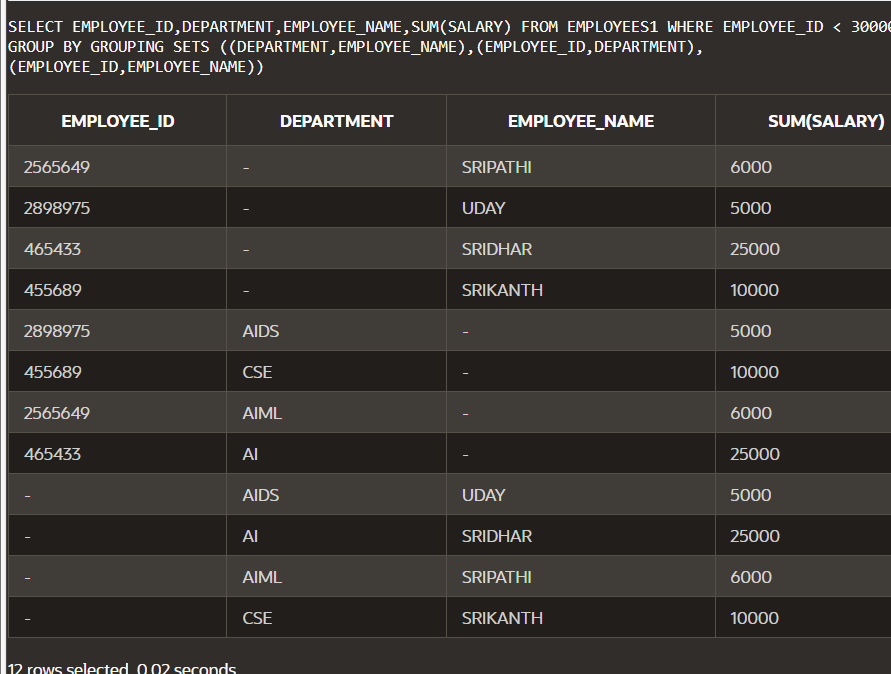
CUBE





GROUPING SETS

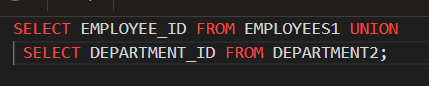


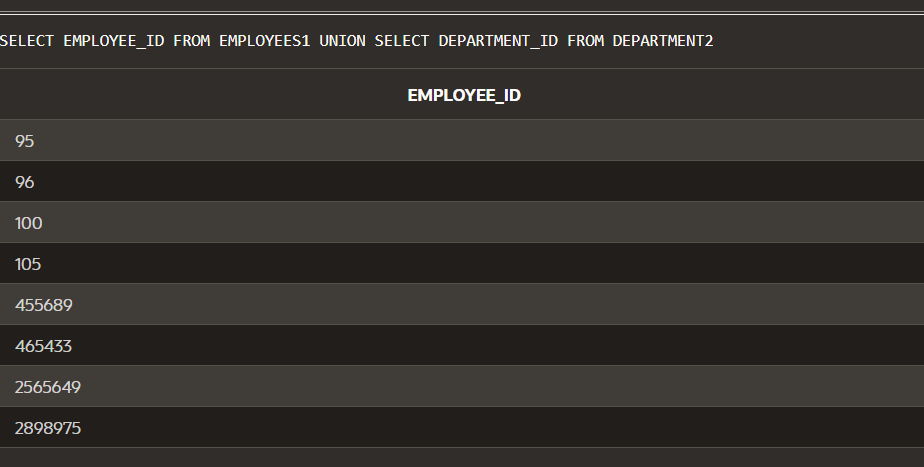


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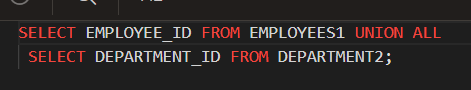
Section 9.3

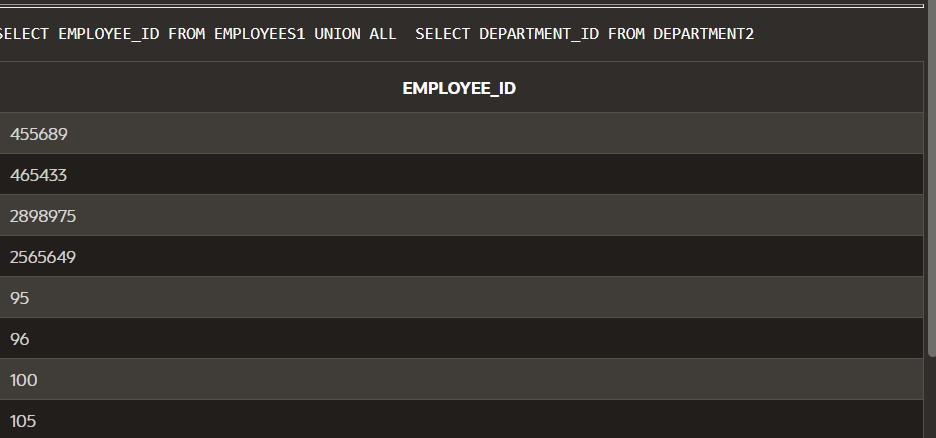
Union



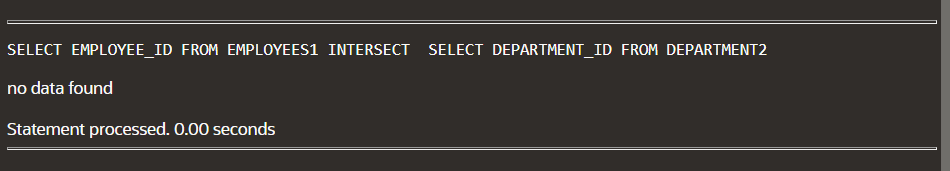


UNION ALL

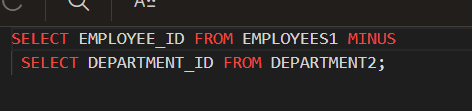


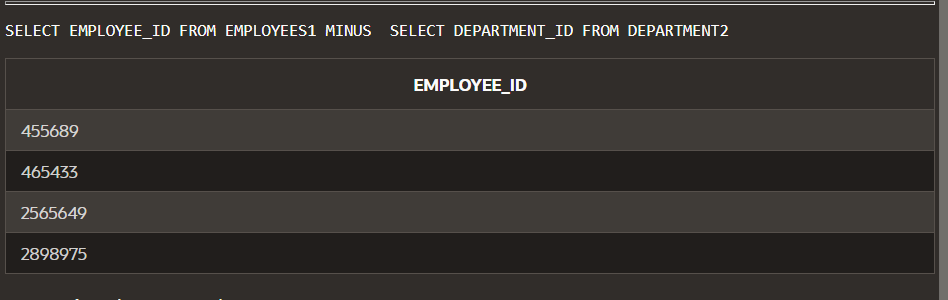


INTERSECT

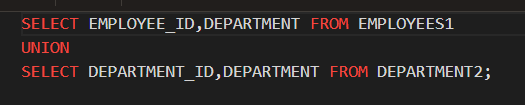


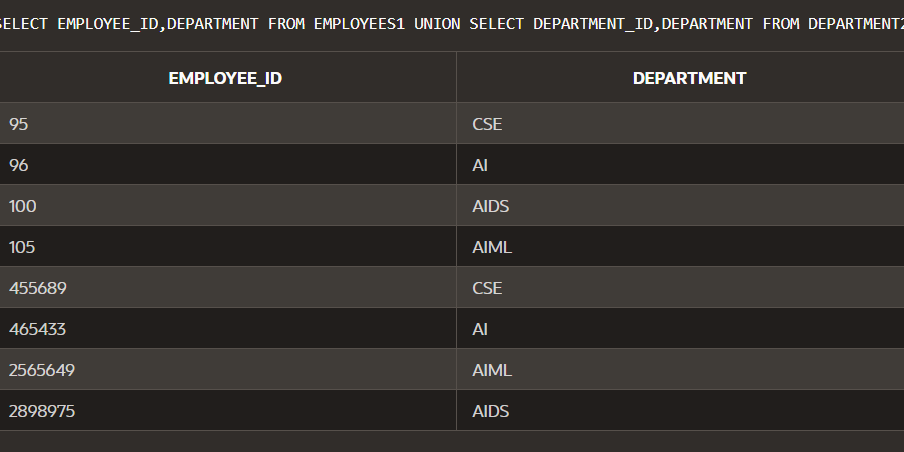
MINUS



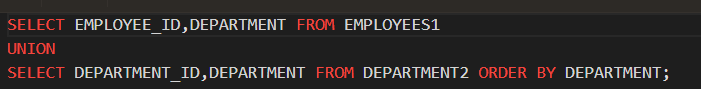


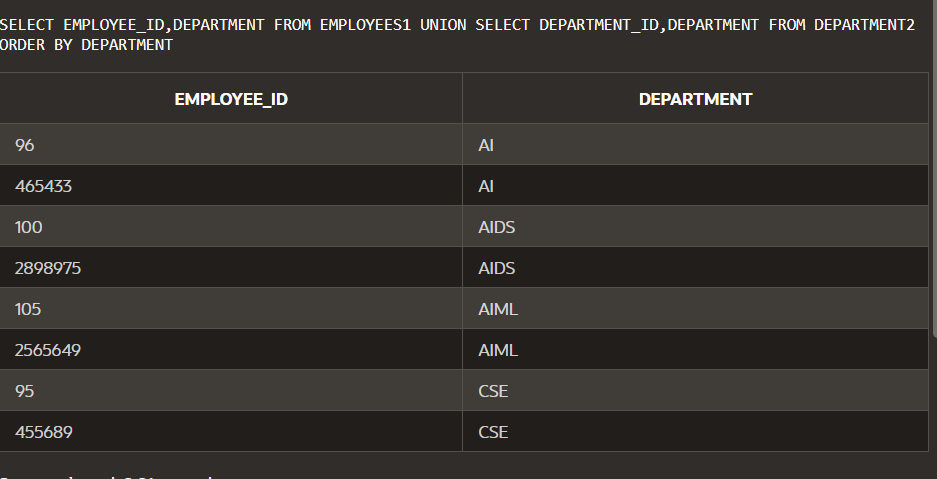
SET OPERATOR EXAMPLES





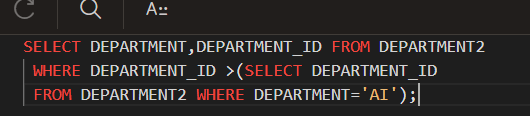
SET OPERATORS USING ORDER BY

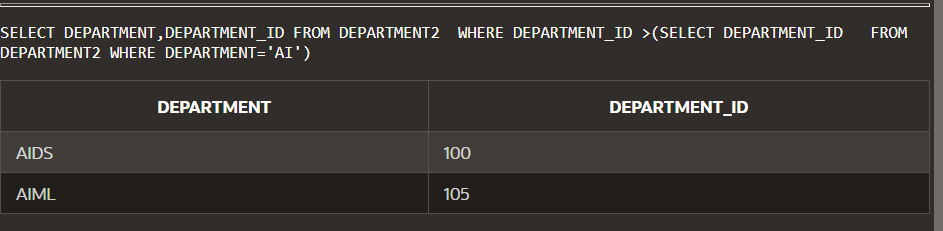




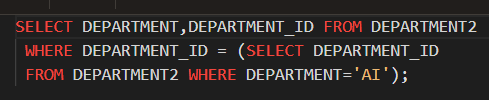
10.1 FUNDAMENTAL OF SUBQUERIES IN TABLE 2

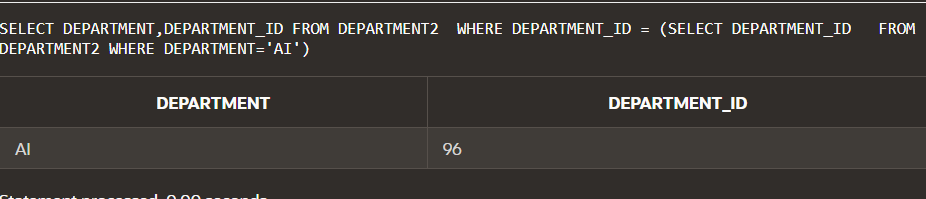
SUBQUERY OVERVIEW





SUBQUERY AND NULL





07.08.24

New examples of tables

Security based

NEW TABLE CREATE

