

Using the ALL Operator with subquery : ALL « Query Select « Oracle PL/SQL Tutorial

- Home
- Oracle PL/SQL Tutorial
- 1. Introduction
- 2. **Query Select**
- 3. Set
- 4. Insert Update Delete
- 5. Sequences
- 6. Table
- 7. Table Joins
- 8. View
- 9. Index
- 10. SQL Data Types
- 11. Character String Functions
- 12. Aggregate Functions
- 13. Date Timestamp Functions
- 14. Numerical Math Functions
- 15. Conversion Functions
- 16. Analytical Functions
- 17. Miscellaneous Functions
- 18. Regular Expressions Functions
- 19. Statistical Functions
- 20. Linear Regression Functions
- 21. PL SQL Data Types
- 22. PL SQL Statements
- 23. PL SQL Operators
- 24. PL SQL Programming
- 25. Cursor
- 26. Collections
- 27. Function Procedure Packages
- 28. Trigger
- 29. SQL PLUS Session Environment
- 30. System Tables Data Dictionary
- 31. System Packages
- 32. Object Oriented
- 33. XML
- 34. Large Objects
- 35. Transaction
- 36. User Privilege

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2.13.2.Using the ALL Operator with subquery

```
SQL>
SQL>
SQL>
SQL> CREATE TABLE dept (
2     deptID INT NOT NULL PRIMARY KEY,
3     empID   INT NOT NULL,
4     ClassID INT NOT NULL,
5     EnrolledOn DATE,
6     Grade    INT);

Table created.

SQL>
SQL> INSERT INTO dept (deptID,empID,ClassID,EnrolledOn,Grade) VALUES (1,1,1,DATE '2002-05-01',68);

1 row created.

SQL> INSERT INTO dept (deptID,empID,ClassID,EnrolledOn,Grade) VALUES (2,1,2,DATE '2002-05-01',78);

1 row created.

SQL> INSERT INTO dept (deptID,empID,ClassID,EnrolledOn,Grade) VALUES (3,2,3,DATE '2003-05-01',80);

1 row created.

SQL> INSERT INTO dept (deptID,empID,ClassID,EnrolledOn,Grade) VALUES (4,2,5,DATE '2003-05-01',70);

1 row created.

SQL> INSERT INTO dept (deptID,empID,ClassID,EnrolledOn,Grade) VALUES (5,2,6,DATE '2003-05-01',70);

1 row created.

SQL> INSERT INTO dept (deptID,empID,ClassID,EnrolledOn,Grade) VALUES (6,3,4,DATE '2002-05-01',70);

1 row created.

SQL> INSERT INTO dept (deptID,empID,ClassID,EnrolledOn,Grade) VALUES (7,3,7,DATE '2002-05-01',70);

1 row created.

SQL> INSERT INTO dept (deptID,empID,ClassID,EnrolledOn,Grade) VALUES (8,4,8,DATE '2002-05-01',70);

1 row created.

SQL>
SQL>
SQL> CREATE TABLE empExam (
2     empID INT NOT NULL,
3     ExamID INT NOT NULL,
4     Mark   INT,
5     Taken  SMALLINT,
6     Comments VARCHAR(255),
7     CONSTRAINT PK_empExam PRIMARY KEY (empID, ExamID));

SQL>
SQL>
SQL> SELECT empID, Grade FROM dept e
2 WHERE Grade > ALL (
3     SELECT Mark FROM empExam s
4     WHERE s.empID = e.empID);

  EMPID      GRADE
-----
        2         68
        3         78
        3         80
        4         70

4 rows selected.
```



```
SQL> drop table empExam;  
Table dropped.
```

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2.13.ALL

2.13.1. [Use the ANY operator in a WHERE clause to compare a value with any of the values](#)

2.13.2. [Using the ALL Operator with subquery](#)

2.13.3. [Greater than all subquery](#)

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