

Objectives

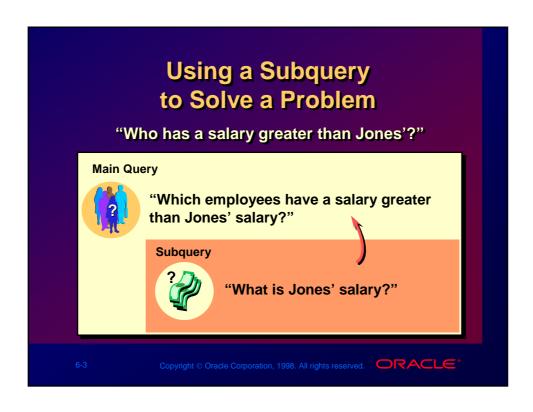
After completing this lesson, you should be able to do the following:

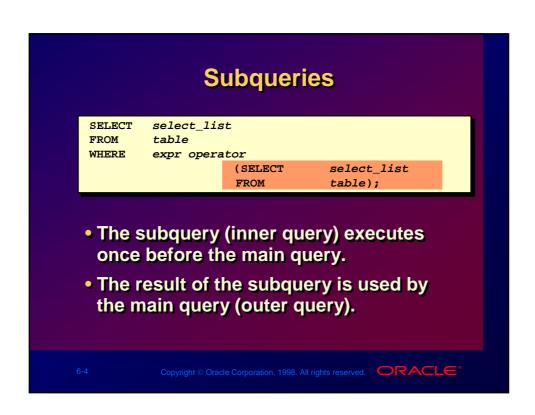
- Describe the types of problems that subqueries can solve
- Define subqueries
- List the types of subqueries
- Write single-row and multiple-row subqueries

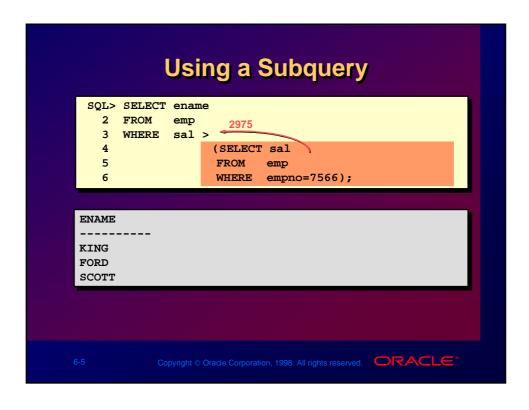
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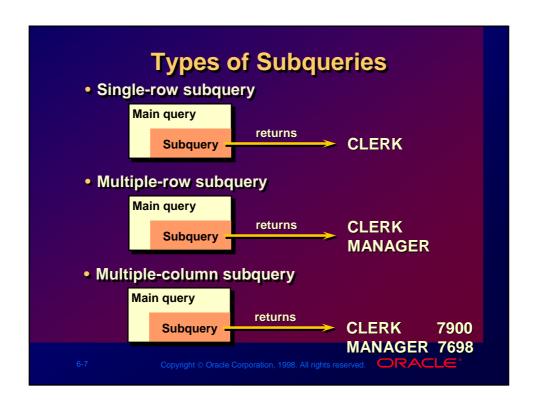
Guidelines for Using Subqueries

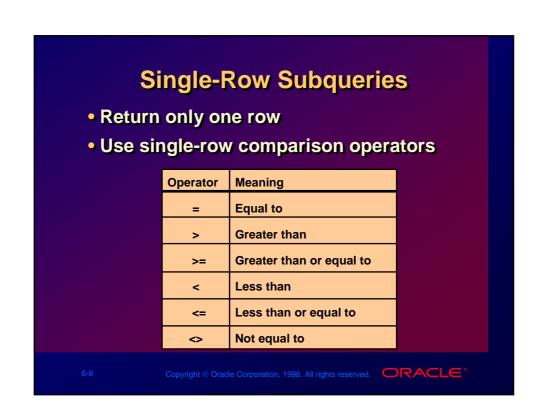
- Enclose subqueries in parentheses.
- Place subqueries on the right side of the comparison operator.
- Do not add an ORDER BY clause to a subquery.
- Use single-row operators with singlerow subqueries.
- Use multiple-row operators with multiple-row subqueries.

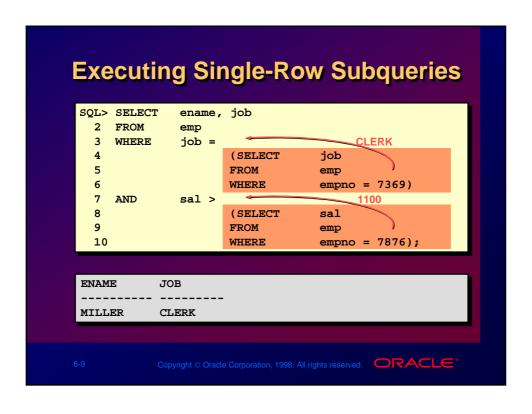
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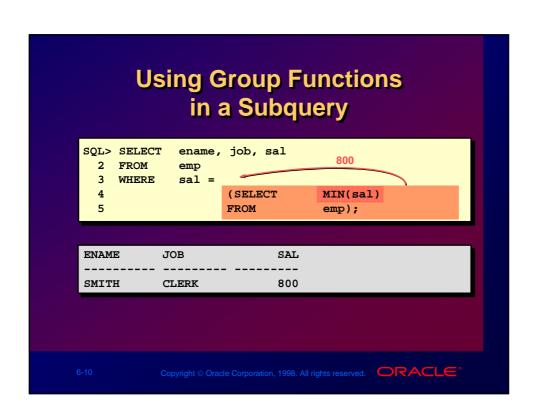
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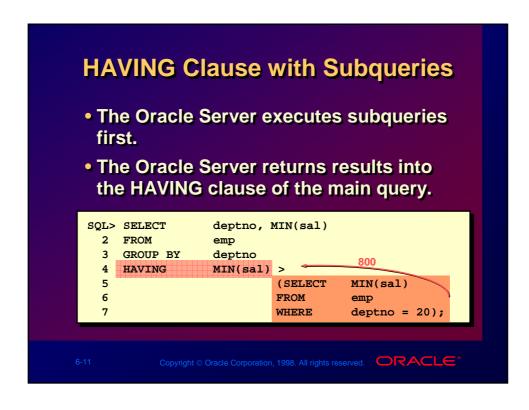


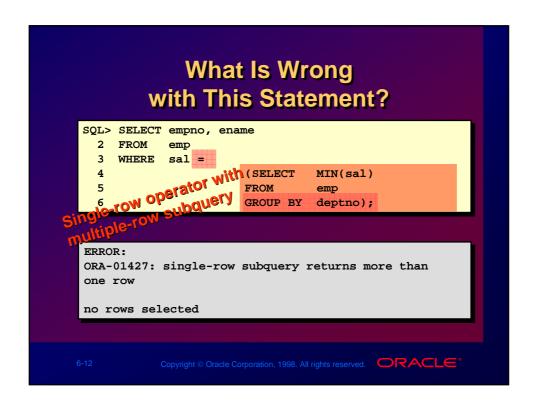


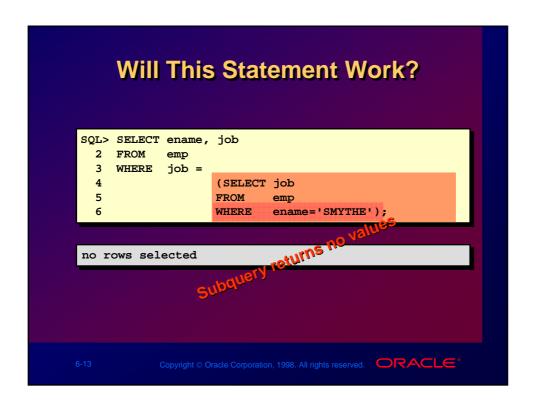


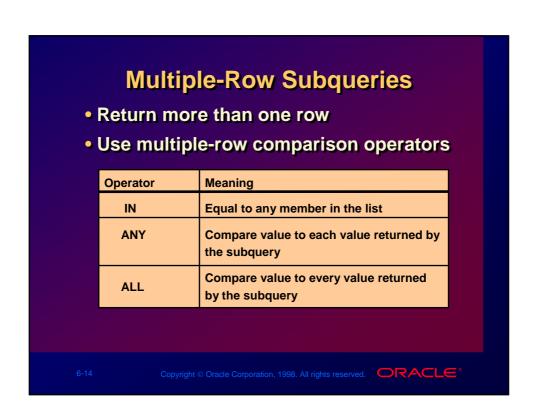


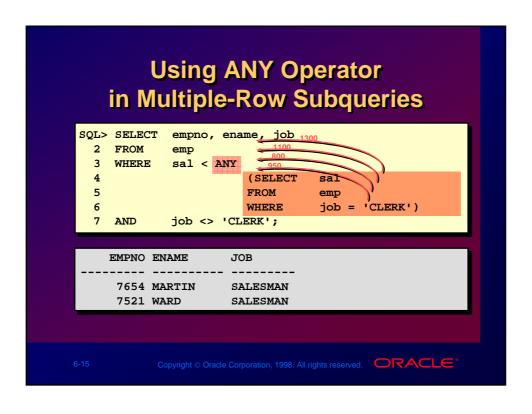


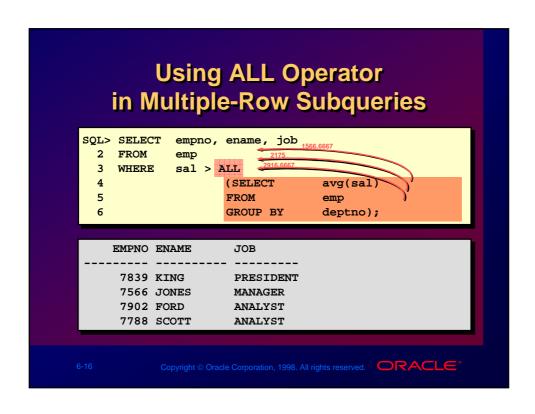












Summary

Subqueries are useful when a query is based on unknown values.

SELECT select_list WHERE ev

expr operator

(SELECT select_list FROM table);



Practice Overview

- Creating subqueries to query values based on unknown criteria
- Using subqueries to find out what values exist in one set of data and not in another

