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| TE COMP Roll number : | | | |
| Experiment no. : 7 Date of Implementation : | | | |
| Aim : To implement Nested Sub-queries in SQL | | | |
| Tool Used : PostgreSQL | | | |
| Related Course outcome : At the end of the course, Students will be able to Use  SQL : Standard language of relational database | | | |
| **Rubrics for assessment of Experiment:**   |  |  |  |  | | --- | --- | --- | --- | | Indicator | Poor | Average | Good | | Timeliness   * Maintains assignment deadline (3) | Assignment not done (0) | One or More than One week late (1-2) | Maintains deadline (3) | | Completeness and neatness   * Complete all parts of assignment(3) | N/A | < 80% complete (1-2) | 100% complete (3) | | Originality   * Extent of plagiarism(2) | Copied it from someone else(0) | At least few questions have been done without copying(1) | Assignment has been solved completely without copying (2) | | Knowledge   * In depth knowledge of the assignment(2) | Unable to answer 2 questions(0) | Unable to answer 1 question (1) | Able to answer 2 questions (2) | | | | |
| **Assessment Marks :**   |  |  | | --- | --- | | Timeliness |  | | Completeness and neatness |  | | Originality |  | | Knowledge |  | | Total |  | | | | |
| **Total : (Out of 10)** | | | |
| **Teacher's Sign :** | | | |
| EXPERIMENT 7 | Nested subqueries in SQL |
| Aim | To implement nested sub-queries in SQL |
| Tools | PostgreSQL |
| Procedure | Perform the following queries using nested sub-queries  1. Find the product no. and description of non-moving products i.e. products not being sold.  2. Find the customer name, address for the client who has placed order no ‘O191’  3. Find the clients names who have placed orders before the month of May’96  4. Find out if the product ‘1.44 Drive’ has been ordered by any client and print the client\_no, name to whom it was sold  5. Find the names of clients who have placed orders worth Rs. 10000 or more  6. Retrieve all the orders placed by a client named ‘Rahul Desai’ from the sales\_order table.  7. Find out all the products that are not being sold from the product\_master table, based on the products actually sold as shown in the sales\_order\_details table.  8. Retrieve the product numbers, their description and the total quantity ordered for each product. |
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| **Post Lab Questions:** | 1. What is incremental Update? 2. What is on delete cascade? |