**Database Management System**

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| **Practical No : 2**    **Aim :** 1. Update/delete data of the table  2. Modify structure of the table  3. Add/modify/delete columns of the table  4. Create table from existing table   |  | | --- | | **Sorting data in a table**  Select \* from <TableName> order by <ColumnName1>, <ColumnName2> <SortOrder>; Creating a table from a table Create table <TableName> (<ColumnName1>, <ColumnName2>) as select <ColumnName1>, <ColumnName2> from <TableName>;  **Inserting data into a table from another table**  Insert into <TableName> select <ColumnName1>, <ColumnName2> from <TableName>;  **Delete data from a table**  Delete from <TableName>;  **Updating the contents of a table**  Update <TableName> set <ColumnName1>=<expression1>,<ColumnName2>=<expression2>;  **Modifying the structure of tables**  alter table <TableName> add (<ColumnName1><datatype1>, <ColumnName2><datatype2>);  **Renaming tables**  Rename <TableName> to <NewTableName>;  **Truncating Tables**  Truncate table <TableName>;  **Destroying Tables**  drop table <TableName>; |     **Do as directed:**   1. List all the clients who are located in Mumbai or Chennai. (Use logical operator)   Ans:   1. Find the names of salesman who have a salary equal to Rs. 3000. 2. List the salesman who are associated with orders given. 3. List the orders whose status is either cancelled or fulfilled. (Use IN) 4. List products whose selling price is greater than 500 and less than or equal to 750. (Use logical as well as BETWEEN operator). Notice the difference. 5. List the names of all clients have ‘a’ as the second letter in their names. 6. List the products whose selling price is more than 500 with the new selling price calculated as original selling price plus 15%. 7. List the name, city and state of clients who are not in the state of “Maharashtra”. 8. List the products with highest to lowest selling price. 9. List the orders ordered in the year 2017. 10. Change the city of Harsh to Bangalore. 11. Change the city of salesman to Pune. What is wrong in doing this type of query? 12. Delete all the salesmen whose salaries are equal to Rs. 3500. 13. Delete all the clients who live in “Tamil Nadu”. 14. Add a column called “Telephone” of data type “Number” and size “10” to the client table. 15. Change the size of sell price to 6, 2. Observe the behavior. 16. Change the name of salesman table to sman. 17. Create a new table sales\_order\_new from sales\_order containing data as well as structure. 18. Create a new table order\_details from sales\_order\_details containing only the structure (no data). 19. Analyze the commit and rollback behavior of drop, delete and truncate command on sales\_order\_new. |
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