Assignment

Feb19/ DBT/ 007

Database Technologies

Diploma in Advance Computing

August 2019

**DML commands: Select data with WHERE, GROUP BY, HAVING, ORDER BY and LIMIT clause.**

USE ***customer, customerphone, customer\_address, salespeoplephone,customerqualification, lastNamepouse, customer\_region, customer\_salespeople, salespeople, products, region, manufacturer, orders, and orderdetails relations*** to solve the following queries.

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| 1. List all customers. |
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| 1. List *firstName*, *lastName* of all customers. |
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| 1. Display customers information of the customers whose *customerID* is 10. |
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| 1. List of various products available from product table. |
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| 1. List all customers having ‘A’ as second letter in their *firstName*. |
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| 1. List all customers having letter ‘A’ in their *firstName*. |
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| 1. Display the details of the customers whose *DOB* is '1986-12-14'. |
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| 1. List all customers having ‘R’ as first letter in their *firstName*. |
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| 1. Display the *firstName, lastname* from customers relation with Customized column headings. |
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| 1. Display all customerss in ascending order of their *DOB*. |
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| 1. Display first two records of customers whose name starts with the letter ‘S’. |
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| 1. Display the customers detail whose *DOB* is ‘1986-12-14’. |
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| 1. Display all products whose *discountper* is more then 3%. |
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| 1. Display all batches whose sitting capicity is 80 customerss (use course\_batches table). |
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| 1. Display all customers qualification who have done ’ BE’ and secured marks more than 70. (use customer\_qualifications table). |
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| 1. Display all customers qualification who have done’ BE’ and graduated in the year 2017. (use customer\_qualifications table). |
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| 1. Display all customers qualification who have done’ BE’ and graduated in the year 2017 and scored marks more than 80. (use customer\_qualifications table). |
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| 1. Display customer qualification who have done ‘BE’ from ‘Harvard University’(use faculty\_qualifications table) |
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| 1. Display all courses whose course duration is 6 months.(use course table) |
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| 1. Display module details whose module duration is between 1 and 2, arrange the data in ascending order of module duration. (use module table) |
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| 1. Display all customers with their voting rights, if the customer is below 1980 then print the message “\*The customer can vote” else print “The customer cannot vote”. |
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| 1. Display all distinct universities from customers\_qualifications table. |
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| 1. Display the second highest *rate* of product. |
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| 1. Display the second lowest *rate* of product. |
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| 1. Display last 7 orders. |
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