Assignment

Feb19/ DBT/ 007

Database Technologies

Diploma in Advance Computing

February 2019

**DML commands: Select data with where, group by, having, order by and limit clause.**

USE *n2employee, n2department, n2employee\_department, n2salary, n2commission, n2contact, n2address, n2qualification, n2hobbies, and n2jobhistory*relation to solve the following queries.

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| 1. List all employees. |
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| 1. List *FIRSTNAME*, *LASTNAME* of all employees. |
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| 1. Display all employee information of the employee *ID* is 10. |
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| 1. List of various department available from the *n2department* relation. |
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| 1. List all employees having ‘A’ as second letter in their *FIRSTNAME*. |
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| 1. List *ID,* *FIRSTNAME*, *LASTNAME*, and *GENDER* whose *GENDER* is ‘M’. |
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| 1. Display the details of the employees who have joined on '1964-10-25'. |
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| 1. List all employees having ‘R’ as first letter in their *FIRSTNAME*. |
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| 1. Display the *FIRSTNAME*, *LASTNAME* from n2employee relation with Customized column headings. |
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| 1. List all employees whose *GENDER* is ‘F’. |
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| 1. List the employee *ID* from *n2hobbies* relation whose hobby is ‘Swimming’ |
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| 1. Get the salary details for employee *ID* 1 and 10. |
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| 1. Get *ID*, *EMPLOYEEID*, *NUMBER*, and *EMAILID* from *n2contact* whosemobile *number* starts with ‘99’. |
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| 1. List all employees who had joined the organization on '1964-10-25'. |
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| 1. List all employees who had joined the organization before '1964-10-25'. |
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| 1. List all employees who had joined the organization before '1964-10-25' and whose *GENDER* is ‘F’. |
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| 1. Display *ID, FIRSTNAME, LASTNAME,* and *HIREDATE* of employee whose *LASTNAME* is ‘Ross’. |
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| 1. Display employee details whose *FIRSTNAME* is 'Alexander'. |
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| 1. Display employee details having employee *ID* is 1, 8, and 9. |
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| 1. Display employee details whose *FIRSTNAME* starting with letter 'D'. |
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| 1. Display employee details whose *FIRSTNAME* ending with letter 'N'. |
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| 1. Display employee details whose *FIRSTNAME* starting with letter 'D' and ending with letter 'D'. |
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| 1. Display employee details whose *FIRSTNAME* ‘S second letter is 'A'. |
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| 1. Display the qualification details from *n2qualification* relation whose employee *ID* is 10, 12 and 14. |
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| 1. Display *EMPLOYEEID, NAME, ADDMISSIONYEAR, INSTITUTE, UNIVERSITY, YEAROFPASSING, PERCENTAGE,* and *GRADE* whose employee is between 10 to 15. |
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| 1. Display *EMPLOYEEID, NAME, ADDMISSIONYEAR, INSTITUTE, UNIVERSITY, YEAROFPASSING, PERCENTAGE,* and *GRADE* who have studied in “Stanford University” university. |
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| 1. Display *EMPLOYEEID, NAME, ADDMISSIONYEAR, INSTITUTE, UNIVERSITY, YEAROFPASSING, PERCENTAGE,* and *GRADE* who has done “BE” from “Yale University”. |
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| 1. Display *EMPLOYEEID, NAME, ADDMISSIONYEAR, INSTITUTE, UNIVERSITY, YEAROFPASSING, PERCENTAGE,* and *GRADE* whose *PERCENTAGE* is more than 60 and done ‘BE’. |
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| 1. Display the hobby details from *n2hobbies* whose employee *ID* is 5 and 10. |
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| 1. Display employee *ID* whose hobby *NAME* is “Running” |
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| 1. Display grade from n2qualification table in ascending order of grade.(i.e. A++, A, B++, B, C, D, F). |
| select grade from n2qualification order by if(grade='A+',1, if(grade="A", 2, if(grade="B+", 3, if(grade="B", 4, if(grade="C", 5, if(grade="D" ,6, 7)))))); |
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