Assignment

Sept23/ DBT/ 004

Database Technologies

Diploma in Advance Computing

September 2023

**DML commands: Select data with WHERE, LIMIT, and ORDER BYclause.**

USE ***student\_phone, student\_address, faculty\_phone, faculty\_address, batch\_students, course\_batches, student\_qualifications, faculty\_qualifications, course\_modules, modules, faculty, student, course, student\_cards, and student\_order*** relation to solve the following queries.

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| * List all student. |
| SELECT \* FROM student; |
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| * List *namefirst*, *namelast* of all students in ascending order of *namefirst*. |
| SELECT namefirst, namelast FROM student order by namefirst; |
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| * List *namefirst*, *namelast*, *DOB*, and *emailID* for the first 5 students. |
| SELECT namefirst, namelast, DOB, emailID FROM student LIMIT 5; |
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| * Display student information of the student*ID* is either 1, 2, 5 or 7. |
| SELECT \* FROM student WHERE ID =1 OR ID = 2 OR ID = 5 OR ID = 7 ; |
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| * List *namefirst*, *namelast*, and *emailID* of student whose studentID is not5, 10, 15, display first 7 rows only. |
| SELECT namefirst, namelast,emailID FROM student WHERE ID !=5 OR ID != 10 OR ID != 15 LIMIT 7; |
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| * List first two faculty details only. |
| SELECT \* FROM faculty LIMIT 2; |
| * List all student\_phone number in ascending order of phone number. |
| SELECT \* FROM  ***student\_phone ORDER BY number;*** |
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| * Display the *student\_address* whose studentID is either 2, 4, 6 or 10 in descending order of studentID. |
| SELECT address FROM student\_address WHERE studentid = 2 OR studentid = 4 OR studentid = 6 OR studentid = 10 ORDER BY studentid DESC; |
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| * List all modules in ascending order of module names. |
| SELECT \* FROM ***modules ORDER BY name;*** |
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| * List first 10modulesafter arranging the module name in descending order. |
| SELECT \* FROM modules ORDER BY name desc LIMIT 10; |
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| * List all student\_qualification whose college is ‘New York’. |

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| SELECT \* FROM student\_qualifications where college='New York'; |
| * List all student\_qualification whose have done “BE” from “Florida” college. |
| SELECT \* FROM student\_qualifications WHERE name='BE' AND college='Florida'; |
|  |
| * List all student\_qualifications whose passed the college in the year 2012 and have scored more than 67% marks. |
| SELECT \* FROM student\_qualifications WHERE marks >= 67 AND year=2012; |
| * List the qualification details for the faculty number 1, and 3. |
| SELECT \* FROM faculty WHERE ID=1 OR ID=3; |
|  |
| * Display the name, college, and university from the student\_qualification who have passed in the year 2018. |
| SELECT name, college,university from student\_qualifications WHERE year=2018; |
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