Assignment

Sept23/ DBT/ 004

Database Technologies

Diploma in Advance Computing

September 2023

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

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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| 1. List all student. |
| **select \* from student;** |
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| 1. List *namefirst*, *namelast* of all students in ascending order of *namefirst*. |
| select namefirst, namelast from student order by namefirst; |
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| 1. List *namefirst*, *namelast*, *DOB*, and *emailID* for the first 5 students. |
| select \* from student limit 5; |
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| 1. Display student information of the student*ID* is either 1, 2, 5 or 7. |
| select \* from student where id = 1 || id = 3 || id = 5 || id = 7; |
|  |
| 1. 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 not(id = 5 || id = 10 || id = 15) limit 7; |
|  |
| 1. List first two faculty details only. |
| select \* from faculty limit 2; |
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| 1. List all student\_phone number in ascending order of phone number. |
| select \* from student\_phone order by number; |
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| 1. Display the *student\_address* whose studentID is either 2, 4, 6 or 10 in descending order of studentID. |
| select \* from student\_address where studentid = 2 or studentid = 4 or studentid = 6 or studentid = 10 order by studentid desc; |
|  |
| 1. List all modules in ascending order of module names. |
| select \* from modules order by name; |
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| 1. List first 10modulesafter arranging the module name in descending order. |
| select \* from modules order by name limit 10; |
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| 1. List all student\_qualification whose college is ‘New York’. |
| select \* from student\_qualifications where college = 'New York'; |
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| 1. List all student\_qualification whose have done “BE” from “Florida” college. |
| select \* from student\_qualifications where college = 'Florida' && name = 'BE'; |
|  |
| 1. List all student\_qualifications whose passed the college in the year 2012 and have scored more than 67% marks. |
| select \* from student\_qualifications where year = 2012 and (name = 'BE' || name = 12) and marks > 67; |
|  |
| 1. List the qualification details for the faculty number 1, and 3. |
| select \* from faculty where id = 1 || id = 3; |
|  |
| 1. Display the name, college, and university from the student\_qualification who have passed in the year 2018. |
| select name, college, university, year from student\_qualifications where year = 2018; |
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