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. |
| table student; |
|  |
| * List *namefirst*, *namelast* of all students in ascending order of *namefirst*. |
| select namefirst, namelast from student order by namefirst; |
|  |
| * List *namefirst*, *namelast*, *DOB*, and *emailID* for the first 5 students. |
| select namefirst, namelast, dob, emailid from student limit 5; |
|  |
| * 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; //  select\* from student where id in (1,2,5,7); |
|  |
| * List *namefirst*, *namelast*, and *emailID* of student whose studentID is not5, 10, 15, display first 7 rows only. |
| select id, namefirst, namelast, emailid from student where id not in(5,10,15) limit 7;//  select id, namefirst, namelast, emailid from student where id!=5 and id!=10 and id!=15 limit 7; |
|  |
| * List first two faculty details only. |
| table faculty limit 2; |
|  |
| * List all student\_phone number in ascending order of phone number. |
| select number from student\_phone order by number; |
|  |
| * Display the *student\_address* whose studentID is either 2, 4, 6 or 10 in descending order of studentID. |
| select studentid, address from student\_address where studentid in(2,4,6,10) order by studentid desc; |
|  |
| * List all modules in ascending order of module names. |
| select name from modules order by name; |
|  |
| * List first 10modulesafter arranging the module name in descending order. |
| select name from modules order by name desc limit 10; |
|  |
| * List all student\_qualification whose college is ‘New York’. |
| 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 year = "2012" and marks > 67; |
|  |
| * List the qualification details for the faculty number 1, and 3. |
| select \* from faculty\_qualifications where facultyid in (1,3); |
|  |
| * 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; |
|  |