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.

|  |
| --- |
| 1. List all student. |
| **select concat(namefirst," ",namelast) Name, dob, emailid from student;** |
|  |
| 1. List *namefirst*, *namelast* of all students in ascending order of *namefirst*. |
| **select namefirst, namelast from student order by namefirst;** |
|  |
| 1. List *namefirst*, *namelast*, *DOB*, and *emailID* for the first 5 students. |
| **select namefirst, namelast, DOB, emailid from student limit 0,5;** |
|  |
| 1. Display student information of the student*ID* is either 1, 2, 5 or 7. |
| **select id, namefirst, namelast, DOB,emailid from student where id in(1,2,5,7);** |
|  |
| 1. 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;** |
|  |
| 1. List first two faculty details only. |
| **select \* from faculty limit 2;** |
|  |
| 1. List all student\_phone number in ascending order of phone number. |
| **select studentid, number as "Phone\_number" from student\_phone group by number,studentid order by number;** |
|  |
| 1. 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;** |
|  |
| 1. List all modules in ascending order of module names. |
| **select name as "Module Name" from modules order by name;** |
|  |
| 1. List first 10modules after arranging the module name in descending order. |
| **select name from modules order by name desc limit 10;** |
|  |
| 1. List all student\_qualification whose college is ‘New York’. |
| **select Studentid, name as "Degree", College, University, Marks, Year from student\_qualifications where college="New York";** |
|  |
| 1. List all student\_qualification whose have done “BE” from “Florida” college. |
| **select Studentid, name as "Degree", College, University, Marks, Year from student\_qualifications where name="BE" AND college="Florida";** |
|  |
| 1. List all student\_qualifications whose passed the college in the year 2012 and have scored more than 67% marks. |
| **select Studentid, name as "Degree", College, University, Marks, Year from student\_qualifications where year=2012 AND marks>67;** |
|  |
| 1. List the qualification details for the faculty number 1, and 3. |
| **select , FacultyID, name as "Degree", College, University, Marks, Year from faculty\_qualifications where facultyid in(1,3);** |
|  |
| 1. Display the name, college, and university from the student\_qualification who have passed in the year 2018. |
| **select Studentid, name as "Degree", College, University, Marks, Year from student\_qualifications where year=2018;** |