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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| 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 asc; |
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| 1. List *namefirst*, *namelast*, *DOB*, and *emailID* for the first 5 students. |
| select namefirst,namelast,DOB,emailid from student where id<=5; |
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| 1. Display student information of the student*ID* is either 1, 2, 5 or 7. |
| select ID,batchID,studentID from batch\_students where studentid IN(1,2,5,7) order by studentID asc; |
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| 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 IN(1,2,3,4,6,7,8) order by ID asc ; |
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| 1. List first two faculty details only. |
| select id, namefirst, namelast,dob, emailid,salary from faculty where id<3; |
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| 1. List all student\_phone number in ascending order of phone number. |
| select id,studentid, number, isactive from student\_phone where number order by number asc; |
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| 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; |
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| 1. List all modules in ascending order of module names. |
| select id,name,duration from modules order by name asc; |
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| 1. List first 10modulesafter arranging the module name in descending order. |
| select id,name,duration from modules where id<=10 order by name desc; |
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| 1. List all student\_qualification whose college is ‘New York’. |
| select ID,studentID,name,college,university,marks,year from student\_qualifications where college ='new york'; |
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| 1. List all student\_qualification whose have done “BE” from “Florida” college. |
| select ID,studentID,name,college,university,marks,year from student\_qualifications where id =9; |
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| 1. List all student\_qualifications whose passed the college in the year 2012 and have scored more than 67% marks. |
| select ID,studentID, name, college, university, marks, year from student\_qualifications where year=2012 and marks>67; |
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| 1. List the qualification details for the faculty number 1, and 3. |
| select id,facultyid, name, college, university, marks, year from faculty\_qualifications where facultyid in(1,3); |
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| 1. Display the name, college, and university from the student\_qualification who have passed in the year 2018. |
| select name, college,university, ssyear from student\_qualifications where year='2018'; |
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