**Assignment**

**Feb25/ DBT/ 004**

**Database Technologies**

**Diploma in Advance Computing**

**February 2025**

**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;** |
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| 1. **List *namefirst*, *namelast*, *DOB*, and *emailID*for the first 5 students.** |
| **select namefirst,namelast,dob,emailid 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 or id=2 or id=5 or id=7;** |
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| 1. **List *namefirst*, *namelast*, and *emailed* 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;** |
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| 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 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 \*from modules order by name;** |
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| 1. **List first 10 modules after arranging the module name in descending order.** |
| **select \*from modules order by name desc 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 name='be' and college='flor**  **ida';** |
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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 \*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 facultyid,name 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 from student\_qualifications where year**  **=2018;** |
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