

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.

• List all student.
select * from student;
• List <i>namefirst</i> , <i>namelast</i> of all students in ascending order of <i>namefirst</i> .
select namefirst, namelast from student order by namefirst asc;
• List <i>namefirst</i> , <i>namelast</i> , <i>DOB</i> , and <i>emailID</i> for the first 5 students.
select namefirst, namelast, DOB, emailID from student limit 5;
• Display student information of the studentID is either 1, 2, 5 or 7.
select * from student where id in (1,2,5,7);
• List <i>namefirst</i> , <i>namelast</i> , and <i>emailID</i> of student whose studentID is not 5, 10, 15, display first 7 rows only.
select id,namefirst, namelast, emailID from student where id not in (5,10,15) limit 7;
• List first two faculty details only.
select * from faculty limit 2;
• List all student_phone number in ascending order of phone number.
select * from student_phone order by number asc;
• Display the <i>student_address</i> whose studentID is either 2, 4, 6 or 10 in descending order of studentID.
select * from student_address where id in(2,4,6,10) order by id desc;
• List all modules in ascending order of module names.
select * from modules order by name asc;
• List first 10 modules after arranging the module name in descending order.
select * 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';

<ul style="list-style-type: none"> List all student_qualification whose have done “BE” from “Florida” college.
select * from student_qualifications where name='be'and college='florida';
<ul style="list-style-type: none"> 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;
<ul style="list-style-type: none"> List the qualification details for the faculty number 1, and 3.
select * from faculty_qualifications where facultyid in(1,3);
<ul style="list-style-type: none"> Display the name, college, and university from the student_qualification who have passed in the year 2018.
select id,name,college,university from student_qualifications where year=2018;