Assignment

**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 \* FROM students;** |
|  |
| 1. List *namefirst*, *namelast* of all students in ascending order of *namefirst*. |
| SELECT namefirst, namelast FROM students ORDER BY namefirst ASC; |
|  |
| 1. List *namefirst*, *namelast*, *DOB*, and *emailID* for the first 5 students. |
| SELECT namefirst, namelast, DOB, emailID FROM students LIMIT 5; |
|  |
| 1. Display student information of the student*ID* is either 1, 2, 5 or 7. |
| SELECT \* FROM students WHERE studentID IN (1, 2, 5, 7); |
|  |
| 1. List *namefirst*, *namelast*, and *emailID* of student whose studentID is not 5, 10, 15, display first 7 rows only. |
| SELECT namefirst, namelast, emailID FROM students WHERE studentID 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 phone\_number FROM student\_phone ORDER BY phone\_number ASC; |
|  |
| 1. Display the *student\_address* whose studentID is either 2, 4, 6 or 10 in descending order of studentID. |
| SELECT student\_address FROM students WHERE studentID IN (2, 4, 6, 10) ORDER BY studentID DESC; |
|  |
| 1. List all modules in ascending order of module names. |
| SELECT \* FROM modules ORDER BY module\_name ASC; |
|  |
| 1. List first 10modulesafter arranging the module name in descending order. |
| SELECT \* FROM modules ORDER BY module\_name DESC LIMIT 10; |
|  |
| 1. List all student\_qualification whose college is ‘New York’. |
| SELECT \* FROM student\_qualifications WHERE college = 'New York'; |
|  |
| 1. List all student\_qualification whose have done “BE” from “Florida” college. |
| SELECT \* FROM student\_qualifications WHERE qualification = '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 \* FROM student\_qualifications WHERE YEAR(passing\_year) = 2012 AND marks > 67; |
|  |
| 1. List the qualification details for the faculty number 1, and 3. |
| SELECT \* 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 name, college, university FROM student\_qualifications WHERE passing\_year = 2018; |
|  |