

## 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.

1. List all student.
<code>select * from student;</code>
2. List <i>namefirst</i> , <i>namelast</i> of all students in ascending order of <i>namefirst</i> .
<code>select namefirst ,namelast from student order by namefirst asc;</code>
3. List <i>namefirst</i> , <i>namelast</i> , <i>DOB</i> , and <i>emailID</i> for the first 5 students.
<code>select namefirst,namelast,DOB,emailid from student where id&lt;=5;</code>
4. Display student information of the studentID is either 1, 2, 5 or 7.
<code>select ID,batchID,studentID from batch_students where studentid IN(1,2,5,7) order by studentID asc;</code>
5. 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.
<code>select id,namefirst, namelast, emailid from student where id IN(1,2,3,4,6,7,8) order by ID asc ;</code>
6. List first two faculty details only.
<code>select id, namefirst, namelast,dob, emailid,salary from faculty where id&lt;3;</code>
7. List all student_phone number in ascending order of phone number.
<code>select id,studentid, number, isactive from student_phone where number order by number asc;</code>
8. Display the <i>student_address</i> whose studentID is either 2, 4, 6 or 10 in descending order of studentID.
<code>select studentid, address from student_address where studentid in(2,4,6,10) order by studentid desc;</code>

9. List all modules in ascending order of module names.
<code>select id,name,duration from modules order by name asc;</code>
10. List first 10modulesafter arranging the module name in descending order.
<code>select id,name,duration from modules where id&lt;=10 order by name desc;</code>
11. List all student_qualification whose college is 'New York'.
<code>select ID,studentID,name,college,university,marks,year from student_qualifications where college='new york';</code>
12. List all student_qualification whose have done "BE" from "Florida" college.
<code>select ID,studentID,name,college,university,marks,year from student_qualifications where id =9;</code>
13. List all student_qualifications whose passed the college in the year 2012 and have scored more than 67% marks.
<code>select ID,studentID, name, college, university, marks, year from student_qualifications where year=2012 and marks&gt;67;</code>
14. List the qualification details for the faculty number 1, and 3.
<code>select id,facultyid, name, college, university, marks, year from faculty_qualifications where facultyid in(1,3);</code>
15. Display the name, college, and university from the student_qualification who have passed in the year 2018.
<code>select name, college,university, ssyear from student_qualifications where year='2018';</code>