Assignment

Sept23/ DBT/ 003

Database Technologies

Diploma in Advance Computing

September 2023

**DML commands: Select data with WHERE 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.

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| 1. List all courses. |
| select \* from course; |
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| 1. List *namefirst, namelast* of all student. |
| select namefirst, namelast from student; |
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| 1. List *namefirst, namelast, DOB* and *emailID* of all students. |
| select namefirst, namelast, dob, emailid from student; |
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| 1. Display student information of the *ID* is 15. |
| select \* from student where id=15; |
|  |
| 1. List *namefirst*, *namelast*, and *emailID* of student whose *student namefirst*is ‘Nitish’. |
| select namefirst, namelast, emailid from student where namefirst='nitish'; |
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| 1. List all students having *ID* greater than equal to 12. |
| select \* from student having id>=12; |
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| 1. List *all student details* whose DOB is ‘1980-12-01’ |
| select \* from student having dob='1980-12-01'; |
|  |
| 1. Display the phone details where student ID is 5; |
| select s.id, sp.number from student s, student\_phone sp where s.id=5 and sp.studentid=5; |
|  |
| 1. List student address whose student ID is 10. |
| select s.id, sa.address from student s, student\_address sa where s.id=10 and sa.studentid=10; |
|  |
| 1. List all faculty details. |
| select \* from faculty; |
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| 1. List all phone number whose faculty ID is 2. |
| select facultyid, number from faculty\_phone where facultyid=2; |
|  |
| 1. List all phone number whose student ID is 13. |
| select distinct studentid, number from student\_phone where studentid=13; |
|  |
| 1. List all modules. |
| select \* modules; |
|  |
| 1. List thecourse\_modules whose courseID is 1. |
| select m.name from modules m inner join course\_modules cm on m.id = cm.moduleid where cm.courseid = 1; |
|  |
| 1. Display all course\_batches who’s sitting capacity is 80. |
| select \* from course\_batches where capacity=80; |
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