Assignment

Feb19/ DBT/ 011

Database Technologies

Diploma in Advance Computing

February 2019

**Sub-queries with joins.**

USE ***student\_phone, student\_address, faculty\_phone, faculty\_address, batch\_students, course\_batches, student\_qualifications, faculty\_qualifications, course\_modules, modules, faculty, student, course*** relation to solve the following queries.

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| 1. Display all student who have taken admission in more than 2 batches. |
| select student.\* from student, batch\_students where student.ID = batch\_students.studentID and batch\_students.studentID in (select studentID from batch\_students group by studentID having count(studentID) > 2); |
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| 1. Display the student detail who have joined the same batch of the student ‘saleel’. |
| select student.\* from student, batch\_students where student.ID = batch\_students.studentid and batchID in (select batchID from student, batch\_students where student.ID = batch\_students.studentID and namefirst='saleel'); |
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| 1. Display all courses where least number of student have taken the admission. |
| select course.\* from batch\_students, course\_batches, course where batch\_students.batchid = course\_batches.id and course\_batches.courseID = course.ID and batch\_students.studentid in (select studentID from batch\_students group by studentID having count(studentID ) = (select min(r1) from (select studentID, count(\*) R1 from batch\_students group by studentID) x)); |
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| 1. Display *(firstname, lastname)* who are having more than 4 hobbies. |
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| 1. Get all department details where no employees are working. |
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| 1. Get all department details where employees are working. |
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| 1. Get the *(employeeid,* and *salary)* for those employees who earn less than the employee earn whose *employeeID* is 10. |
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| 1. Display all salary details who are having same *salaries* for the current jobs. |
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| 1. Display *(salary, and count of salaries)* of all employees who same salary for the current job. |
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| 1. Get all employees whose employer is either 'sharmin' or 'saleel' |
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| 1. Get salary details of the current employees, whose salary is below 2500. |
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| 1. Display all employees who are getting commission. |
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| 1. Display all employees who are not getting commission. |
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| 1. Display all employees’ commission details for the currentjob who are not getting commission. |
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| 1. Display all employees’ commission details for the currentjob who are getting commission. |
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| 1. Display all employee details who have three or more emailid. |
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| 1. Get lowest salary of employee working in current job? |
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| 1. Get lowest salary of employee working in current job? |
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| 1. Get average salary of employee working in current job? |
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| 1. Get sum salary of employee working in current job? |
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| 1. Get highest *commission* of employee for the current job. |
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| 1. Get second highest *salary* of employee for the current job. |
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| 1. Print *salary* of all employees in the given format 3000\*\*\*\*\* for the current job. |
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| 1. Get the *(department name, and count)*, than how many employees are working in which department for the current job. |
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| 1. Display the name of stream where maximum number of employees has taken admission in ‘BE’. |
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| 1. Count how many employee are not getting commission for the current job. |
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| 1. Count how many employee are getting commission for the current job. |
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| 1. Display all commission details of those employees who are not getting commission for the current job. |
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