Sub-Query 1.1

February-25/ sub-query/001.1 Time: 02:00hrs

MySQL

Diploma in Advance Computing

February 2025

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| Sub-Query 1.1 |
| 1. Display all employees whose salary is more than avg sal. |
| select sal from emp where sal > (select avg(sal) from emp); |
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| 1. Display all employees who are getting highest salary in each deptno. |
| select \* from emp where (deptno, sal) in (select deptno, max(sal) from emp group by deptno) order by deptno; |
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| 1. Display all employees who are getting second highest salary in each deptno. |
| select \* from emp where (deptno, sal) in (select deptno, max(sal) from emp where (deptno, sal) not in (select deptno, max(SAl) from emp group by deptno) group by deptno); |
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| 1. Display ename, job, sal of all employees who are having same salary. |
| select ename, job, sal from emp a where exists (select true from emp b where a.sal=b.sal and a.empno <> b.empno) order by sal desc; |
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| 1. Display ename, job, sal of all employees who are having same salary jobwise. |
| 1. select ename, job, sal from emp a where exists (select true from emp b where a.job=b.job and a.sal=b.sal and a.empno<> b.empno) order by job; 2. select ename, job, sal from emp where (job, sal) in (select job, sal from emp group by job, sal having count(\*) > 1) order by job, sal; |
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| 1. Find the employees whose sal > avg sal of the same jobs. |
| select ename, job, sal from emp a where sal > (select avg(Sal) from emp b where a.job=b.job group by job) order by job; |
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| 1. Find all jobs and maximum salary whose maximum salary is less than the average salary for all employees. |
| select job, max(sal) from emp group by job having max(Sal) < (select avg(sal) from emp); |
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| Find the following relation |
| ***movies*** {movieID, title, movie\_year, movie\_time, language, releaseDate, releaseCountry}  ***actor*** {actorID, firstName, lastName, gender}  ***director*** {directorID, firstName, lastName}  ***movie\_director*** {directorID, movieID}  ***genres*** {genresID, genresTitle}  ***movie\_genres*** {movieID, genresID}  ***movie\_cast*** {actorID, movieID, role}  ***movie\_review*** {reviewID, reviewName}  ***movie\_rating*** {movieID, reviewID, reviewStars, numberOfRatings} |
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