LIS5782 Database Management Systems

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**Practice Task 8**

1. SELECT lName

FROM Person

WHERE pID = (SELECT empID FROM SalesTrans WHERE SalesTrID = 20);

1. SELECT lName

FROM Person

WHERE pID IN (SELECT empID FROM SalesTrans)

ORDER BY lName;

1. SELECT sName

FROM Supplier

WHERE sID = ( SELECT sID FROM PurOrd WHERE poNo = 20);

1. SELECT sName, sPhone

FROM Supplier

WHERE sID IN (SELECT sID FROM PurOrd);

1. SELECT fName, lName

FROM Person

WHERE pID IN (SELECT dID FROM Project WHERE projNo IN

(SELECT projNo

FROM ProjDetail

WHERE space=’Kitchen’));

1. SELECT Dept.deptName AS Department, Person.lName AS Manager

FROM Dept

INNER JOIN Person on Dept.mgrID=Person.pID;

1. SELECT Person.lName, Person.fName, EmpRec.salary

FROM Person , EmpRec

WHERE Person.pID=EmpRec.empID AND EmpRec.endDate IS NULL;

1. SELECT Person.lName, Person.fName, Person.pStreet, ZipCd.city, ZipCd.state, ZipCd.zip

FROM Person, ZipCd

WHERE Person.pZip=ZipCd.zip

ORDER BY Person.lName;

1. SELECT Person.lName, Person.fName, Person.pStreet, ZipCd.city, ZipCd.state, ZipCd.zip

FROM Person, ZipCd

WHERE Person.pZip=ZipCd.zip AND Person.pZip LIKE '10022%'

ORDER BY Person.lName;

1. SELECT J.projNo AS Project, concat(A.lName, ", ", A.fName) AS Customer, concat(B.lName, ", ", B.fName) AS Designer,

concat(C.lName, ", ", C.fName) AS 'Design Assistant'

FROM Project J, Person A, Person B, Person C

WHERE J.cID=A.pID AND J.dID=B.pID AND J.daID=C.pID

ORDER BY J.projNo;

1. SELECT P.lName AS Supervisee, S.lName As Supervisor

FROM Person P, Person S, EmpRec E

WHERE P.pID=E.empID AND S.pID=supID AND endDate IS NULL

ORDER BY P.lName;

1. SELECT P.lName AS Name, C.compName AS Company

FROM Person P, Consult C

WHERE P.pID=C.pID;