CMPT 354

Assignment 2

1. SELECT E.eid, D.dname

   FROM Employees E, Departments D, Projects P, Works.on W

   WHERE E.ename = 'Smith';

2. SELECT E1.ename, E2.ename

   FROM Employees E1, Employees E2

   WHERE E1.supereid = E2.eid;

3. SELECT W.eid

   FROM Works.on W, Projects P

   WHERE NOT EXISTS

           ((SELECT D.did

              FROM Departments D)

              EXCEPT

              (SELECT P2.did

                FROM Worked.on W2, Projects P2

                WHERE W2.pid = P2.pid AND W.eid = W2.eid));

4. SELECT E.salary

   FROM Employees E

   WHERE E.salary = (SELECT MAX(E2.salary)

                      FROM Employees E2);

5. SELECT P.did

   FROM Projects P

   GROUP BY P.did

   HAVING COUNT(*) = (SELECT MAX(Temp.count.did)

                       FROM (SELECT COUNT(P2.did) AS count.did

                              FROM Projects P2

                              GROUP BY P2.did) AS Temp);

6. SELECT P.did
   FROM Projects P
   GROUP BY P.did
   HAVING COUNT(*) > 1