

**COSC 344**  
**Lab for Week 6**

**ANSWERS**

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19. SELECT snum, sname
    FROM salespeople s
    WHERE 1 <
        (SELECT COUNT(*)
         FROM customers
         WHERE snum = s.snum);

20. SELECT *
    FROM orders o
    WHERE amt >
        (SELECT AVG(amt)
         FROM orders
         WHERE cnum = o.cnum);

21. SELECT fname, lname
    FROM employee
    WHERE NOT EXISTS
        (SELECT *
         FROM dependent
         WHERE ssn=essn);

22. (SELECT DISTINCT pno
    FROM works_on, employee
    WHERE essn = ssn AND
        lname = 'Smith')
UNION
(SELECT DISTINCT pnumber
    FROM project, department, employee
    WHERE dnum = dnumber AND
        mgrssn = ssn AND
        lname = 'Smith');

23. UPDATE employee
    SET salary = 1.1*salary
    WHERE lname <> 'Borg';

24. CREATE TABLE hou_emp
    AS (SELECT *
    FROM employee
    WHERE address LIKE '%Houston%');

25. CREATE TABLE emp_dep
    (efirst, elast, dname, sex, birth)
    AS (SELECT fname, lname, dependent_name, d.sex, d.bdate
    FROM employee e, dependent d
    WHERE essn = ssn);
```

