The following SQL queries from HW#2 correspond to some of the queries from HW3 (the queries may not be exactly the same). Some queries in HW#3 do not have any query similar at all to a query from HW#2.

//11
select fname, lname, dname, pname
from employee, department, works_on, project
where dno=dnumber and ssn=essn and pno=pnumber and plocation='Stafford';

//9
//a
select lname, ssn
from employee, works_on
where ssn=essn and pno=1
intersect
select lname, ssn
from employee, works_on
where ssn=essn and pno=10;

//10
//a
select lname, ssn
from employee
minus
select lname, ssn
from employee, works_on
where ssn=essn and (pno=1 or pno=10);
//b
select lname, ssn
from employee
where ssn not in (select essn
from works_on where pno=1 or pno=10);

//14
select dno, max(bdate) Youngest, min(bdate) Oldest, (max(salary)-min(salary)) Bernie
from employee
group by dno
order by Bernie desc;

//15
select e.lname Supervisor, dname, s.lname Supervisee
from (employee e left outer join employee s on e.ssn=s.superssn), department
where e.dno=dnumber
order by e.lname;

//16
select fname, lname
from employee, dependent
where ssn=essn and relationship <> 'Spouse'
group by fname, lname
having count(*) > 1;