

e) $\pi_{Dname}((\sigma_{Dlocation='Istanbul'}(Dept_Locations)))$
 $\bowtie_{Dept_Locations.Dnumber=Department.Dnumber} (Department)$
 $\cup \pi_{Dname}((\sigma_{Plocation='Istanbul'}(Project)))$
 $\bowtie_{Dnum=Dnumber} (Department))$

g) $\pi_{Salary, Lname}[\pi_{M2.Mgr_Ssn}[\sigma_{M2.Mgr_start_date > Department.Mgr_start_date} ($
 $p(M2, (Department \bowtie_{Mgr_Ssn=Ssn} Employee)) \times (Department \bowtie_{$
 $Mgr_Ssn=Ssn} Employee)] \bowtie_{Mgr_Ssn=Ssn} (Department \bowtie_{Mgr_Ssn=Ssn} Employee)]$

h) $\pi_{Fname, Lname}(\sigma_{E2.Bdate < Employee.Bdate} [p(E2, Employee)$
 $\times (\sigma_{Super_Ssn=Ssn} Employee)])$