

Robert Fink
Project2

1. $\pi_{fname,lname}(student)(\sigma_{fname=Philip}(instructor) \bowtie course \bowtie enroll)$
2. $\pi_{id,fname,lname}(instructor) \bowtie \sigma_{count(id)>1}(course)$
3. $\pi_{did,name}(department) - \sigma_{did}(major)$
4. $\pi_{sid,fname,lname}((student) \bowtie \sigma_{did=200847}(enroll)) (\sigma_{count(num)\sigma_{did=200847}}(course))$
5. $\pi_{id,fname,lname}(instructor) \bowtie (\sigma_{num=4\%\%\% \vee num=7\%\%\%}course)$
6. $\pi_{id,fname,lname}(instructor) \bowtie course \bowtie enroll \bowtie student \bowtie major \bowtie (\sigma_{name="Informatics Institute"}department)$