## Queries for DBMS Project II

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## Sample Queries

```
SELECT:
SEL{*}(student);
SEL{name='Albert'}(student);
SEL{name='Albert' & grade > 6.0}(student);
SEL{grade < 4.0}(student);</pre>
SEL{(name = 'Albert' | id < 10) & grade > 8.0}(student);
SEL{(faculty.dept = 'MNC') | salary > 80000}(faculty);
PROJECT:
PRO{*}(dept);
PRO{name:salary}(faculty);
RENAME:
REN{student|stud_id:name:cgpa}(student);
REN{department}(dept);
UNION:
UNI(SEL{name='Albert'}(student), SEL{grade > 6.0}(student));
SET DIFFERENCE:
DIF(SEL{name='Albert'}(student), SEL{grade > 6.0}(student));
CARTESIAN PRODUCT:
CRP(faculty, course);
MORE QUERIES:
Which faculty teaches which course
PRO{id:name:cid}(SEL{fid = id}(CRP(faculty, course)));
All faculty members with salary > 70000 and their courses
PRO{id:name:dept:cid:salary}(SEL{fid = id & salary > 70000}(CRP(faculty, course)));
```