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Lab 10

```
--
-- 1) PreReqsFor(courseNum)
--
create or replace function PreReqsFor(int, REFCURSOR) returns refcursor as
$$
declare
    num_courses int    := $1;
    resultset REFCURSOR := $2;
begin
    open resultset for
        select preReqNum
        from   Prerequisites p,
              Courses c
        where  p.preReqNum = c.num
        and    num_courses = p.courseNum;
    return resultset;
end;
$$
language plpgsql;

select PreReqsFor(220, 'results');
Fetch all from results;

--
-- 2) IsPreReqFor(courseNum)
--
create or replace function IsPreReqFor(int, REFCURSOR) returns refcursor as
$$
declare
    num_courses int    := $1;
    resultset REFCURSOR := $2;
begin
    open resultset for
        select c.num, c.name
        from   Prerequisites p,
              Courses c
```

```
        where p.courseNum = c.num
        and   num_courses = p.preReqNum;
    return resultset;
end;
$$
language plpgsql;
```

```
select IsPreReqFor(220, 'results');
Fetch all from results;
```