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Lab 10: Stored Procedures

Function PreReqsFor(courseNum)—Returns the immediate prerequisites for the passed-in course number.

```
create or replace function get_prereqs_for_coursenum(int, REFCURSOR) returns refcursor as
$$
declare
    coursenum int := $1;
    resultset REFCURSOR := $2;
begin
    open resultset for
        select preReqNum
        from Prerequisites
        where courseNum=coursenum;
    return resultset;
end;
$$
language plpgsql;
--example
select get_prereqs_for_coursenum(499, 'results');
Fetch all from results;
```

Function IsPreReqFor(courseNum)-- Returns the courses for which the passed-in course number is an immediate pre-requisite

```
create or replace function is_prereq_for_coursenum(int, REFCURSOR) returns refcursor as
$$
declare
    coursenum int := $1;
    resultset REFCURSOR := $2;
begin
    open resultset for
        select courseNum
        from Prerequisites
        where prereqNum=coursenum;
    return resultset;
end;
$$
language plpgsql;
```

