```
create function increment(x numeric) returns integer as
        return x + 1;
language plpgsql;
language plpgsql;
create function parity (x integer) returns boolean as
language plpgsql;
create function validity(password varchar(20)) returns boolean as
        return length(password) > 12;
language plpgsql;
create or replace function split(location varchar(50), out country varchar(50), out
capital varchar(50)) as
        country := split part(location, '-', 1);
        capital := split_part(location, '-', 2);
language plpgsql;
create table orders (
   client name varchar(50),
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address varchar (50)
insert into orders values ('Aisha', null, null, 1, 5, null, null, 'Kazakhstan-Almaty'),
create table modified (
   client name varchar(50),
    name varchar (50),
create function t stamp() returns trigger as
            insert into modified values (old.client name, new.quantity, now());
        return new;
    language plpgsql;
    before update on orders
    for each row execute procedure t stamp();
update orders set quantity = 7 where client name = 'Aisha';
select * from modified;
create or replace function compute() returns trigger as
       update orders set age = age(now(), birthday) where client name =
    language plpgsql;
create trigger add_age
    for each row execute procedure compute();
update orders set birthday = '12-05-2003' where client name = 'Aisha';
update orders set birthday = '05-05-2003' where client name = 'Aru';
create or replace function tax() returns trigger as $$
       update orders set price = price * 1.12 where client name = new.client name;
        return new;
$$ language plpgsql;
create trigger compute tax after update of price on orders
    for each row execute function tax();
update orders set price = 3.80 where client name = 'Aisha';
```

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delete from orders;
create or replace function prevent del() returns trigger as
language plpgsql;
create trigger prev del before delete on orders
   for each row execute function prevent del();
CREATE table changes (
     city varchar(50)
create or replace function func() returns trigger as
         if validity(new.password) then
              insert into changes values (new.id, new.name, true,
(split(new.address)).country , (split(new.address)).capital);
         elsif not validity(new.password) then
              insert into changes values (new.id, new.name, false, null, null);
     language plpgsql;
create trigger trig
     for each row execute procedure func();
insert into account values (1, 'Aisha', 'qwertyugfgfi', 'Kazakhstan-Almaty');
insert into account values (2, 'Aru', 'asdfghjfgfgfgkl', 'Japan-Tokyo');
insert into account values (3, 'Ainur', 'zxccgfgfgfggx', 'Russia-Moscow');
create table workers(
    date of birth date,
     workexperience integer,
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insert into workers (id, name, date of birth, age, salary, workexperience, discount)
select * from workers;
create or replace procedure procedure a() as
        update workers
        set salary = salary * 1.1 * workexperience / 2, discount = discount + 10;
        update workers
        set discount = (discount * 1.01) * workexperience / 5;
language plpgsql;
call procedure a();
insert into workers(id, name, date of birth, age, salary, workexperience, discount)
create or replace procedure procedure b() as
        update workers
        update workers
20 where workexperience >= 8;
language plpgsql;
call procedure_b();
create table members(
   firstname varchar(200),
   address varchar (300),
   telephone varchar(20),
    joindate timestamp
create table bookings (
create table facilities (
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monthlymaintenance numeric
);
with recursive rec_recommendedby(recommender, member) as(
    select recommendedby, memid from members
    union all
    select members.recommendedby, rec.member from rec_recommendedby re
    inner join members on members.memid = rec.recommender
)
select rec.member, rec.recommender, members.firstname, members.surname
from rec_recommendedby rec
inner join members on rec.recommender=members.memid
where rec.member = 12 or rec.member = 22
order by rec.member asc, rec.recommender desc
```