**4. Функции и процедуры для выполнения CRUD-операций (общая база данных)**

4.1 create or replace procedure pr\_add\_category(name varchar(50))

language plpgsql as $$

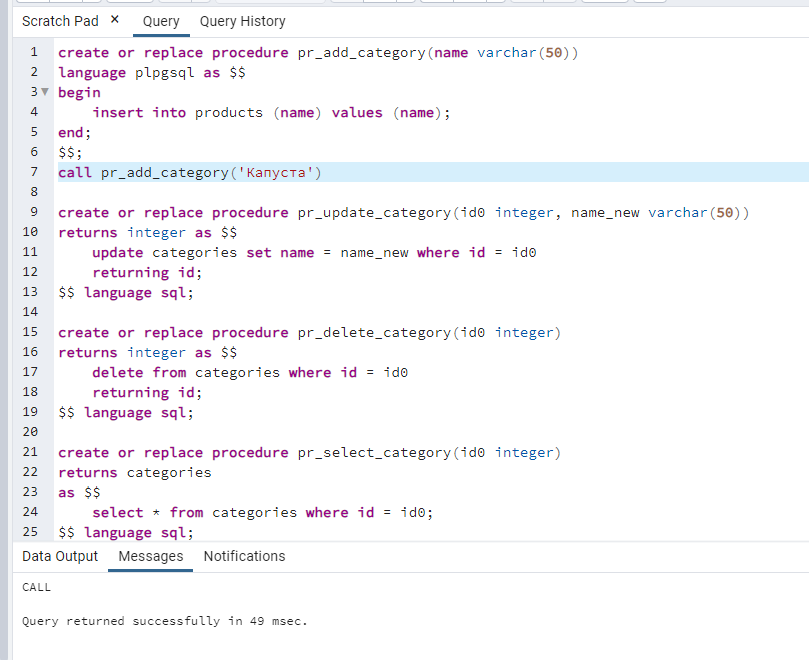
begin

insert into products (name) values (name);

end;

$$;

call pr\_add\_category('Капуста')



create or replace procedure pr\_update\_category(cur\_id integer, name\_new varchar(50))

language plpgsql as $$

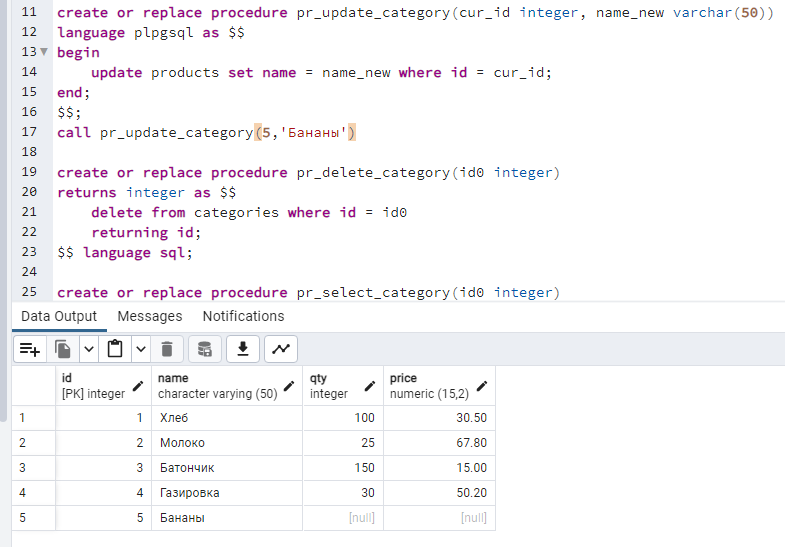
begin

update products set name = name\_new where id = cur\_id;

end;

$$;

call pr\_update\_category(5,'Бананы')



create or replace procedure pr\_delete\_category(cur\_id integer)

language plpgsql as $$

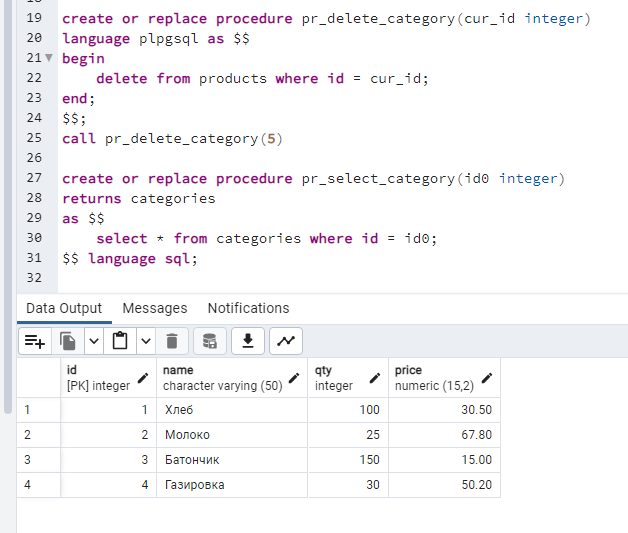
begin

delete from products where id = cur\_id;

end;

$$;

call pr\_delete\_category(5)



create or replace procedure pr\_select\_category(cur\_id integer)

language plpgsql as $$

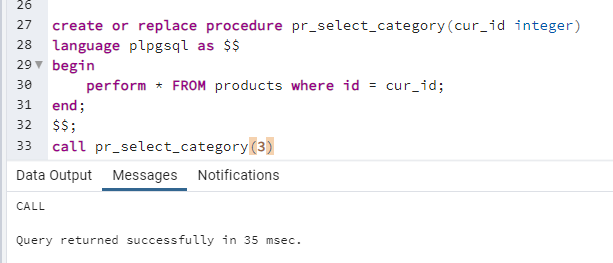
begin

perform \* FROM products where id = cur\_id;

end;

$$;

call pr\_select\_category(3)



4.2 create or replace function f\_add\_category(name varchar(50))

returns varchar(50) as $$

begin

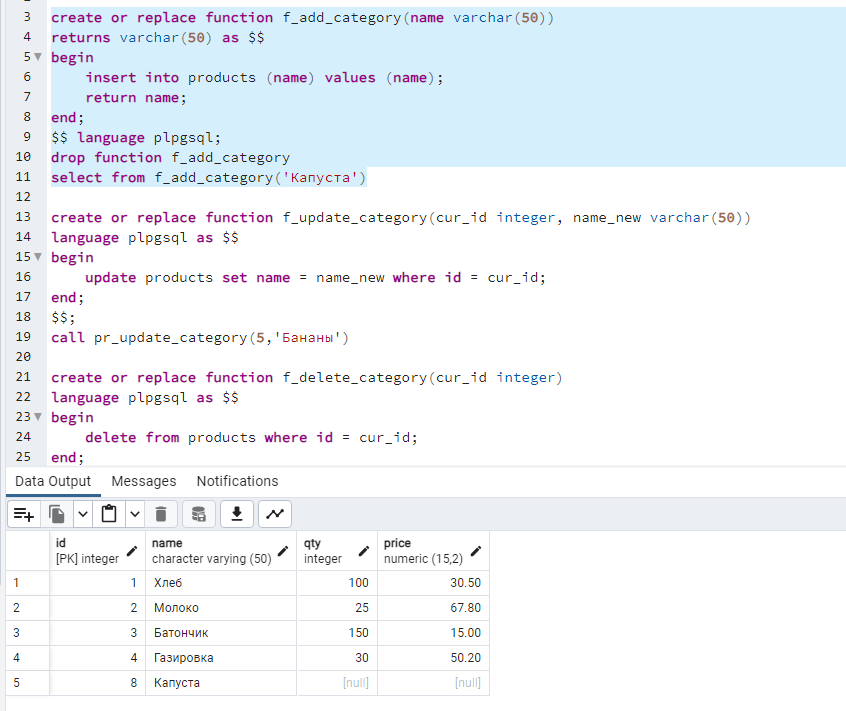
insert into products (name) values (name);

return name;

end;

$$ language plpgsql;

select from f\_add\_category('Капуста')



create or replace function f\_update\_category(cur\_id integer, name\_new varchar(50))

returns boolean as $$

begin

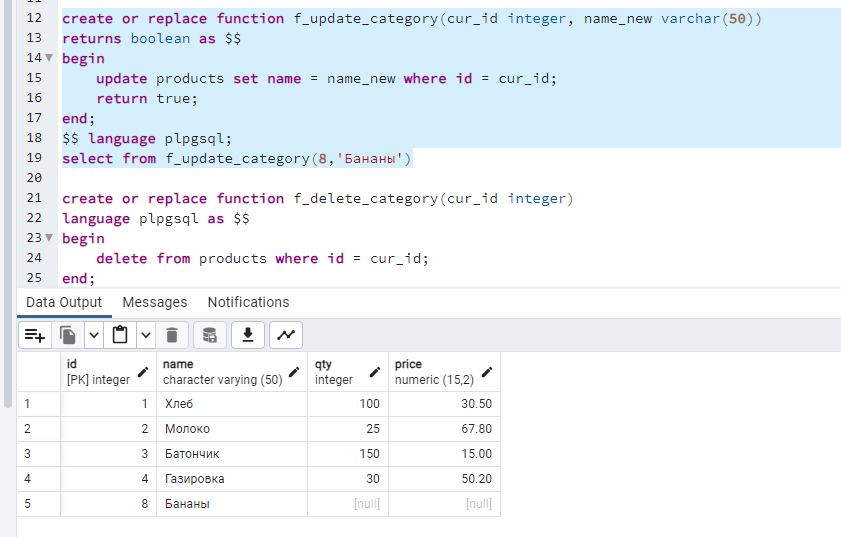
update products set name = name\_new where id = cur\_id;

return true;

end;

$$ language plpgsql;

select from f\_update\_category(8,'Бананы')



create or replace function f\_delete\_category(cur\_id integer)

returns boolean as $$

begin

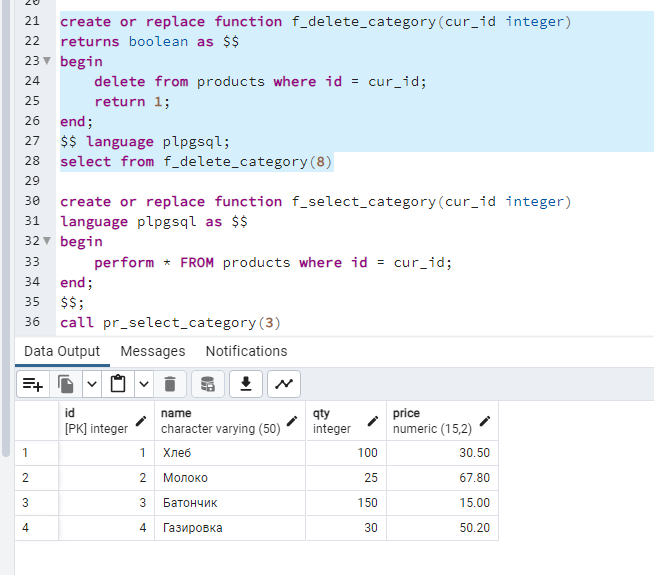
delete from products where id = cur\_id;

return 1;

end;

$$ language plpgsql;

select from f\_delete\_category(8)



create or replace function f\_select\_category(cur\_id integer)

returns products

as $$

select \* from products where id = cur\_id;

$$ language sql;

select f\_select\_category(3);

