INSTITUTO TECNOLOGICO DE MEXICALI

Carrera:

Ing. en Sistemas Computacionales

Materia:

Fundamentos de base de datos.

Alumno:

Hernandez Garcia Martin 22490354

Actividad:

STORAGE

Profesor:

Jose Ramón Bogarin Valenzuela.

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Para este ejemplo tome una base de datos ya creada anteriormente durante el curso la cual fue el examen de la tercera unidad

```sql
create table clients (
client_id serial primary key,
first_name varchar (50) not null,
last_name varchar (50) not null,
email varchar (50) unique not null
);
create table books (
book_id serial primary key,
title varchar (50) not null,
author varchar (50) not null,
price decimal (10,2) not null
);
create table employees (
employee_id serial primary key,
name_ varchar(50) not null,
branch varchar(50)
);
create table orders (
order_id serial primary key,
client_id int references clients(client_id),
order_date date default current_date
);
create table orderitems (
item_id serial primary key,
order_id int references orders(order_id),
book_id int references books(book_id),
quantity int
);
create table orderhandlers (
handler_id serial primary key,
order_id int references orders(order_id),
employee_id int references employees(employee_id)
);
-- PARTE 2--
--CREATE--
insert into clients (first_name, last_name, email)values
('Martin','Hernandez','martin1@gmail.com'),
('Jose','Hernandez','jose@gmail.com'),
('Ramon','Hernandez','ramon@gmail.com');
insert into books (title,author,price)values
('Negro','Roberto',250),
```

```sql
('Azul', 'Maria',120),
('Rojo','Lorena', 300),
('Verde', 'Nicole',400);
insert into employees (name_,branch)values
('Juan','Intuitive'),
('Rosalba','Bosch');
insert into orders (client_id)values
(1),
(2);
insert into orderitems (order_id,book_id,quantity)values
(1,1,1),
(1,2,1),
(2,1,1);
insert into orderhandlers (order_id,employee_id)values
(1,1),
(2,2);
-- STORAGE PROCEDURE --
create or replace procedure agregar_cliente(
 p_first_name varchar,
 p_last_name varchar,
 p_email varchar
)
language plpgsql
as $$
begin
 insert into clients (first_name, last_name, email)
 values (p_first_name, p_last_name, p_email);
end;
$$;
call agregar_cliente('Ana', 'Lopez', 'ana.lopez@example.com');
call agregar_cliente('Jose', 'Garcia', 'josehernandez@gmail.com');
select * from clients;
```