**PSQL Commands**

Windows PowerShell

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PS C:\Users> psql -U postgres

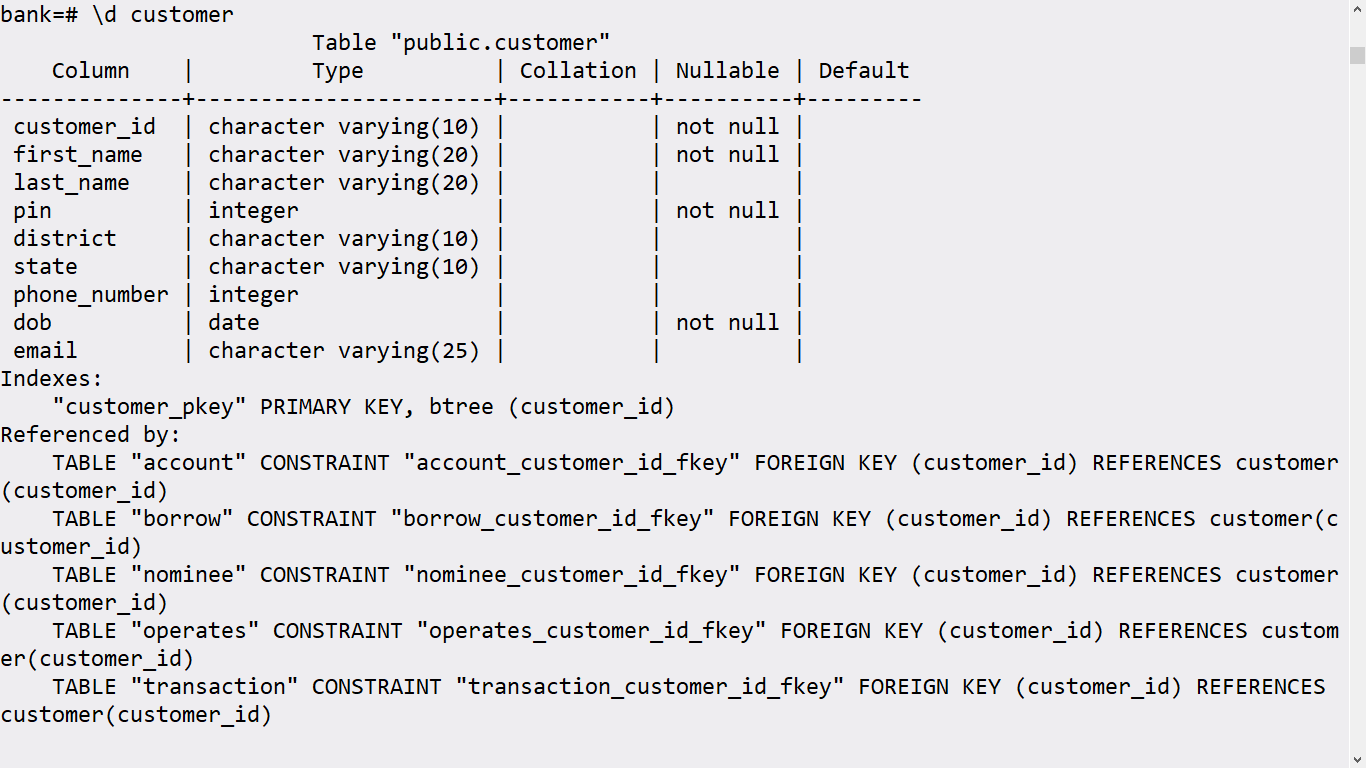
postgres=# create database bank;

CREATE DATABASE

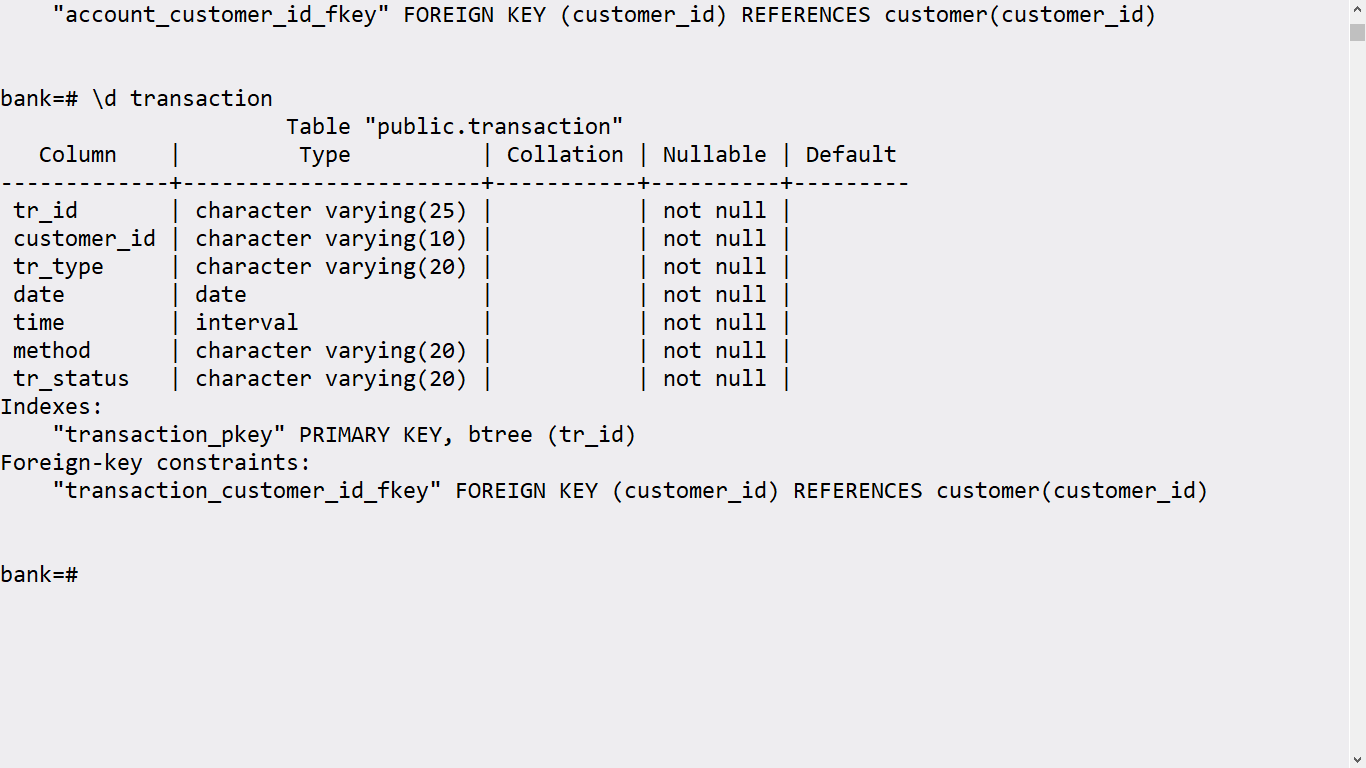
postgres=# \c bank;

bank=# create table CUSTOMER(Customer\_ID varchar(10) primary key, First\_Name varchar(20) NOT NULL, Last\_Name varchar(20), PIN int NOT NULL, District varchar(10), State varchar(10), Phone\_number int, DOB date NOT NULL, Email varchar(25));

CREATE TABLE



create table TRANSACTION(tr\_id varchar(25) primary key,customer\_id varchar(10), tr\_type varchar(20) NOT NULL, date date not null, time interval not null, method varchar(20) not null, tr\_status varchar(20) not null, foreign key(customer\_id) references customer(customer\_id));



bank=# create table nominee(name varchar(25), customer\_id varchar(10), address varchar(50), phone\_number int, foreign key(customer\_id) references customer(customer\_id));

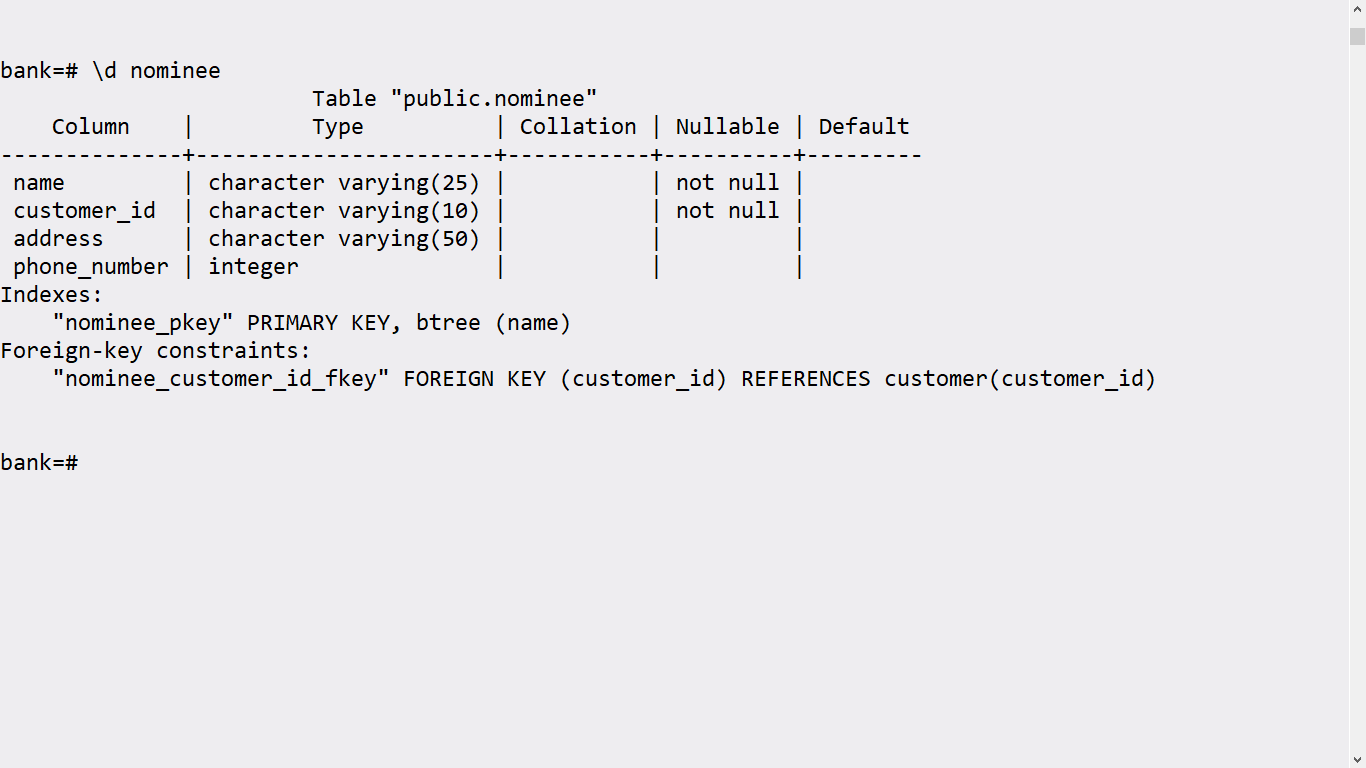
CREATE TABLE

bank=# alter table nominee drop name;

ALTER TABLE

bank=# alter table nominee add name varchar(25) primary key;

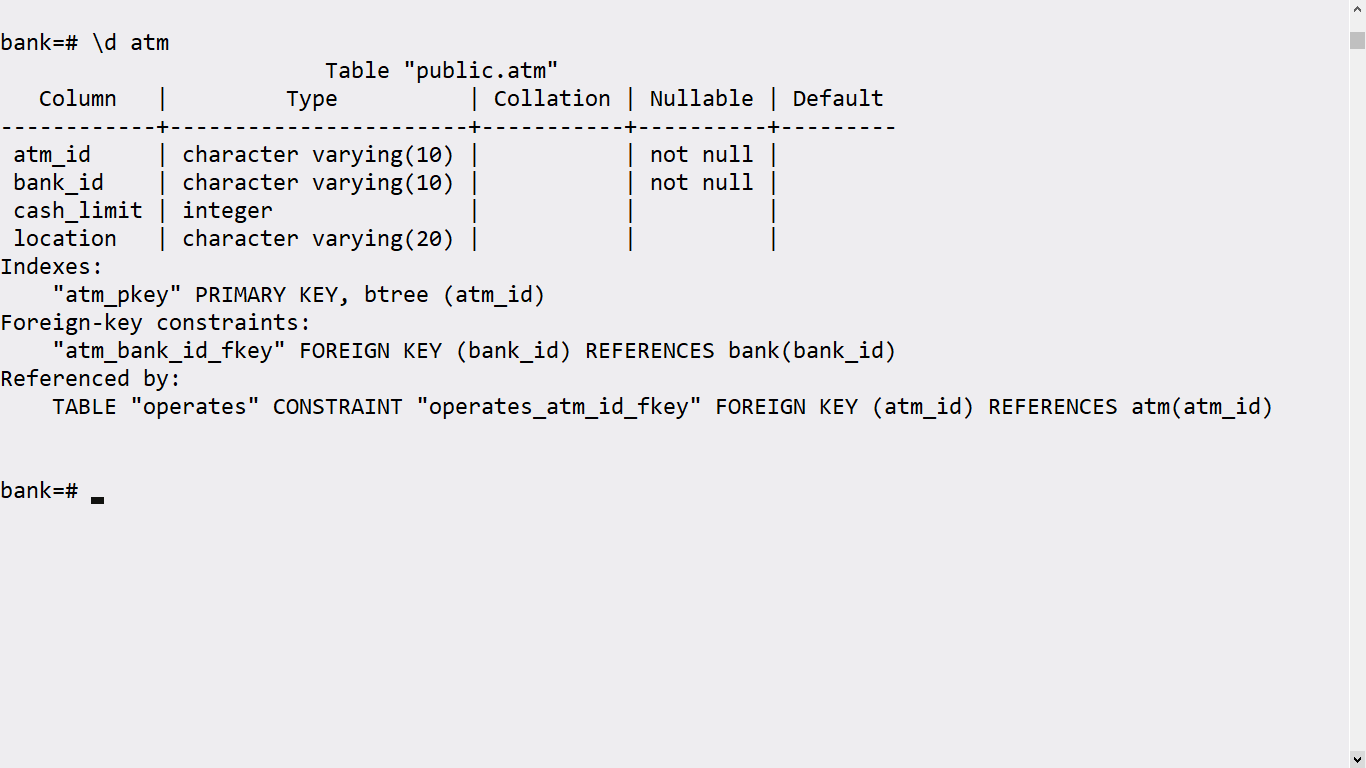
ALTER TABLE



bank=# create table atm(atm\_id varchar(10) primary key, bank\_id varchar(10) not null, cash\_limit int, location varchar(20), foreign key(bank\_id) references bank(bank\_id));

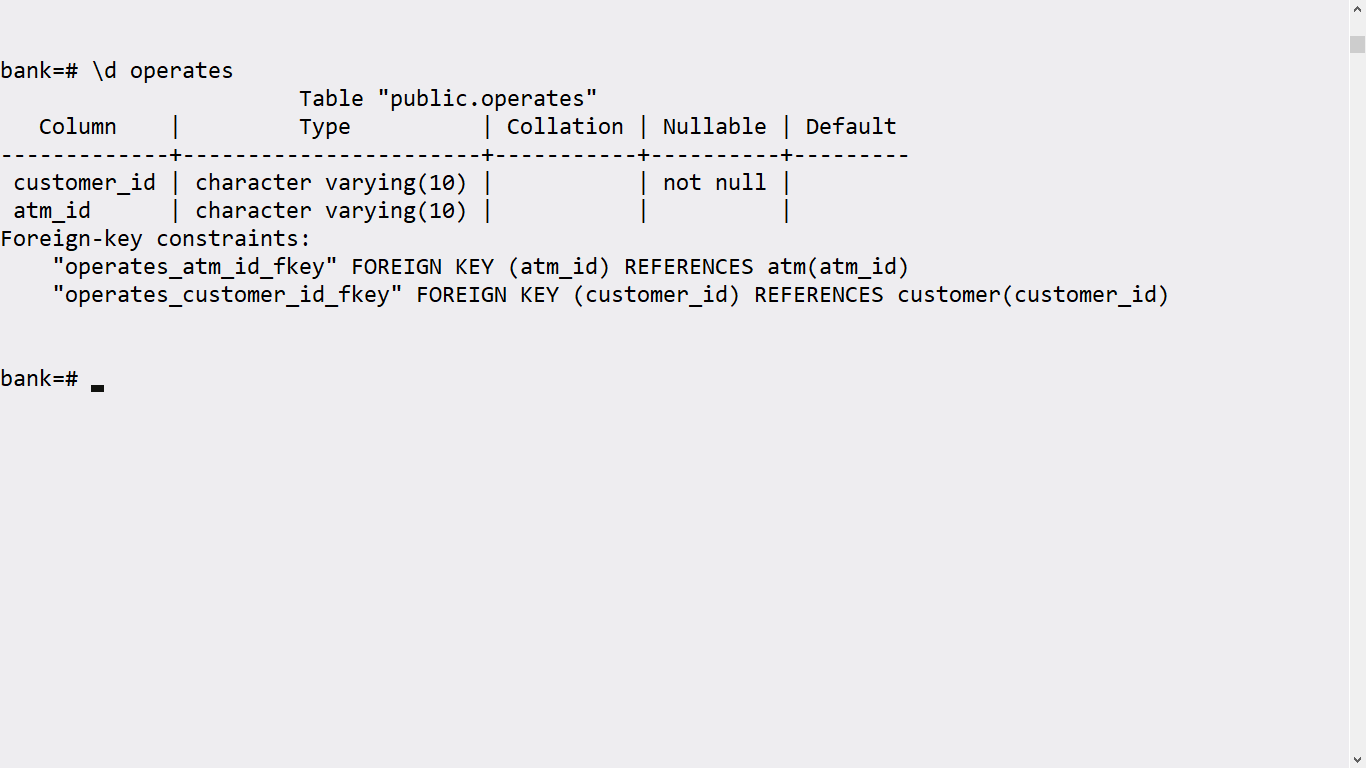
CREATE TABLE

bank=# \d atm



bank=# create table Operates (atm\_id varchar(10) , customer\_id varchar(10) not null, foreign key(atm\_id) references atm(atm\_id), foreign key(customer\_id) references customer(customer\_id));

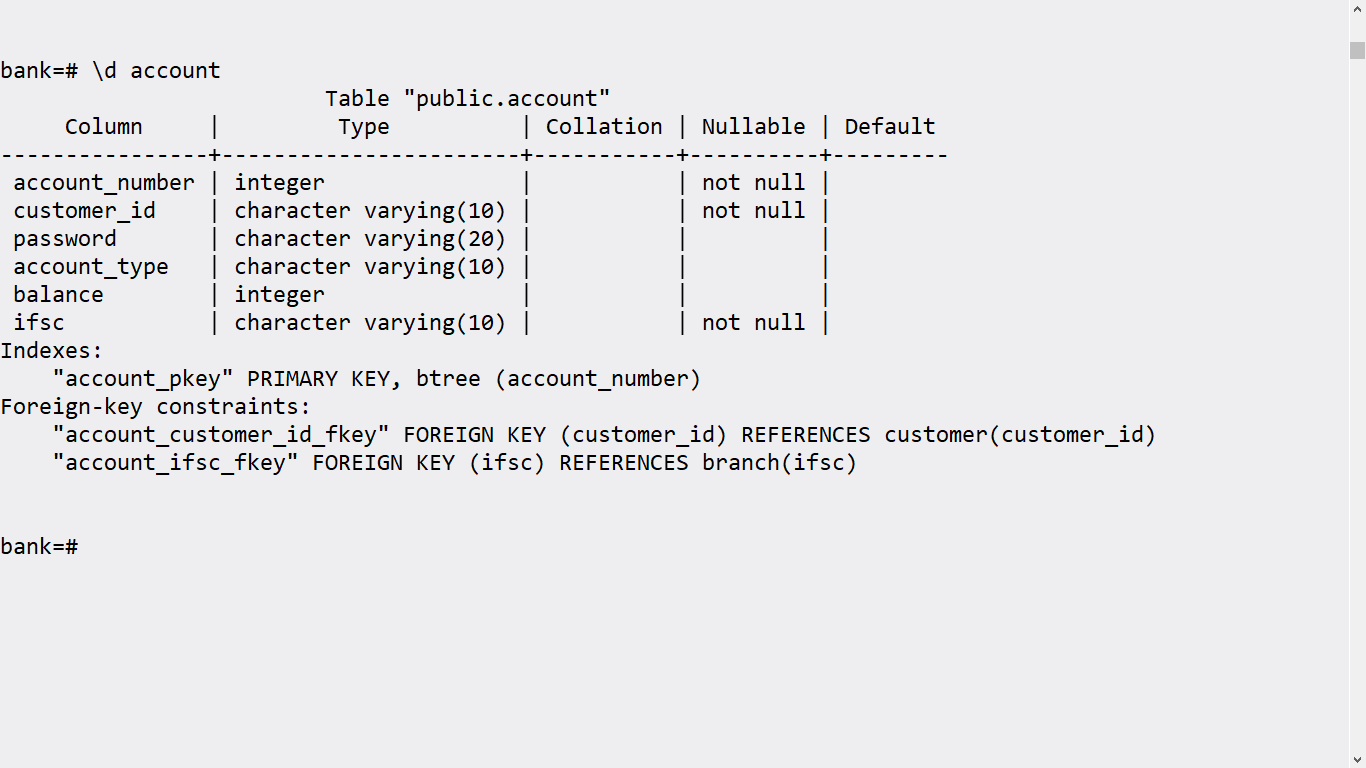
CREATE TABLE



bank=# create table account(account\_number int primary key, customer\_id varchar(10) not null ,ifsc varchar(10) not null, password varchar(20), account\_type varchar(10), balance int, foreign key(customer\_id) references customer(customer\_id), foreign key(ifsc) references branch(ifsc));

CREATE TABLE

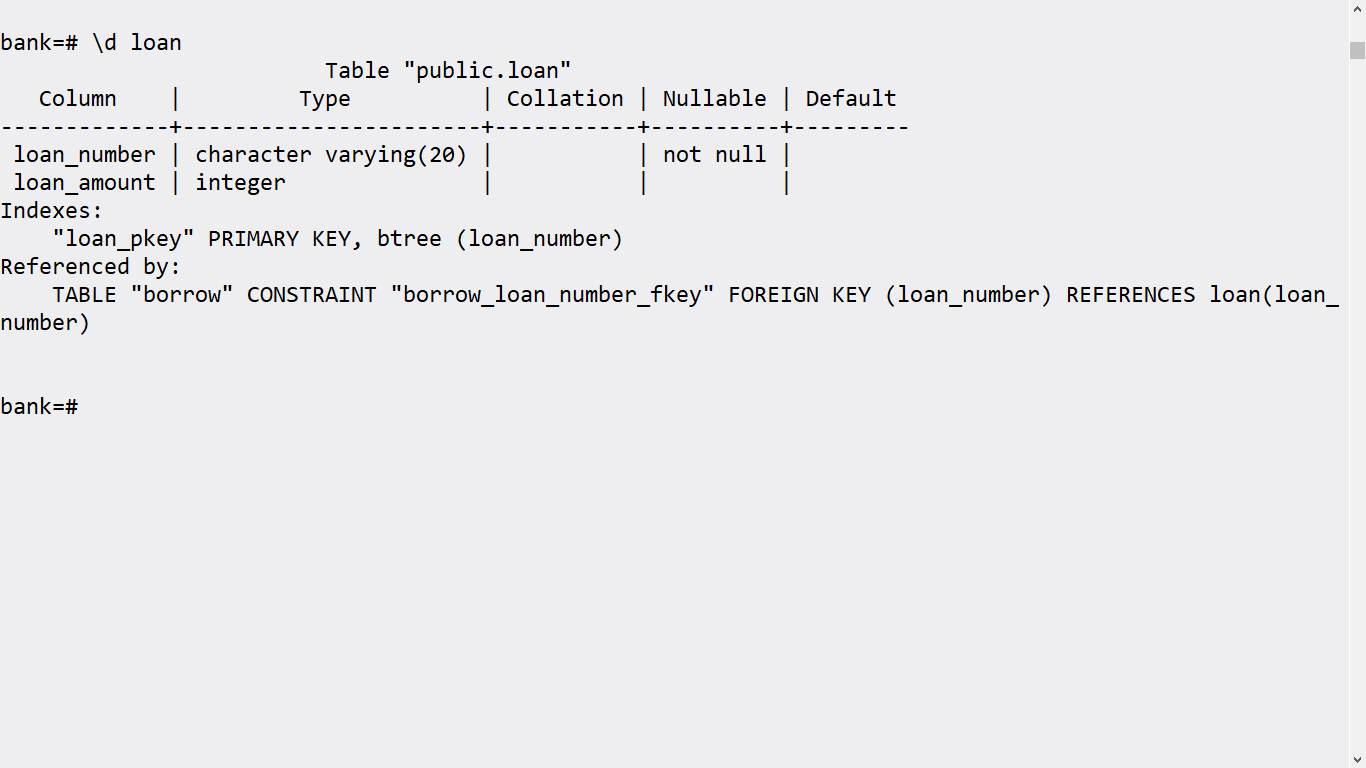
bank=# \d account



bank=# create table loan(loan\_number varchar(20) primary key, loan\_amount int);

CREATE TABLE

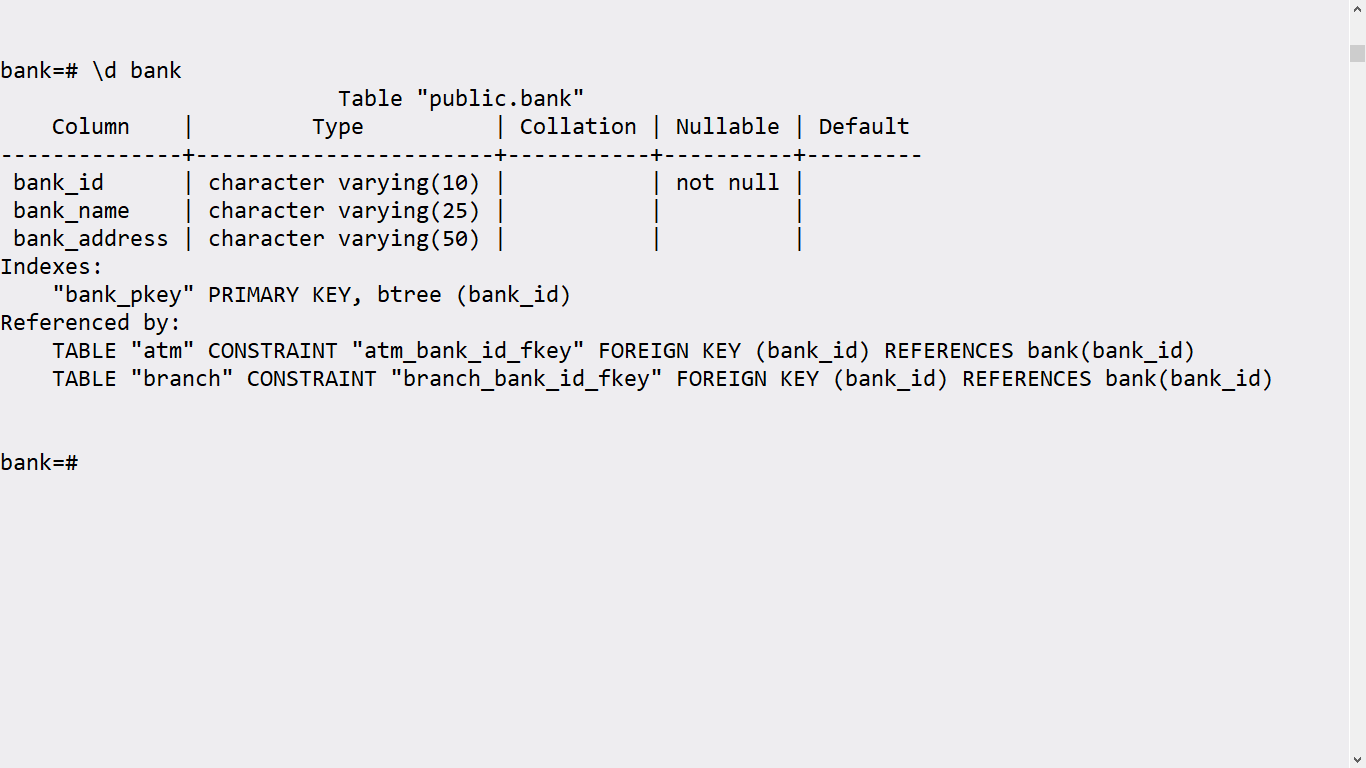
bank=# create table borrow(customer\_id varchar(10), loan\_number varchar(20), foreign key(customer\_id) references customer(customer\_id), foreign key(loan\_number) references loan(loan\_number));

CREATE TABLE

bank=# create table bank(bank\_id varchar(10) primary key, Bank\_name varchar(25), bank\_address varchar(50));

CREATE TABLE

bank=# \d bank



bank=# create table branch(ifsc varchar(10), branch\_name varchar(25), pin varchar(6), state varchar(20),country varchar(10), phone\_number int, bank\_id varchar(10) not null, foreign key(bank\_id) references bank(bank\_id));

CREATE TABLE

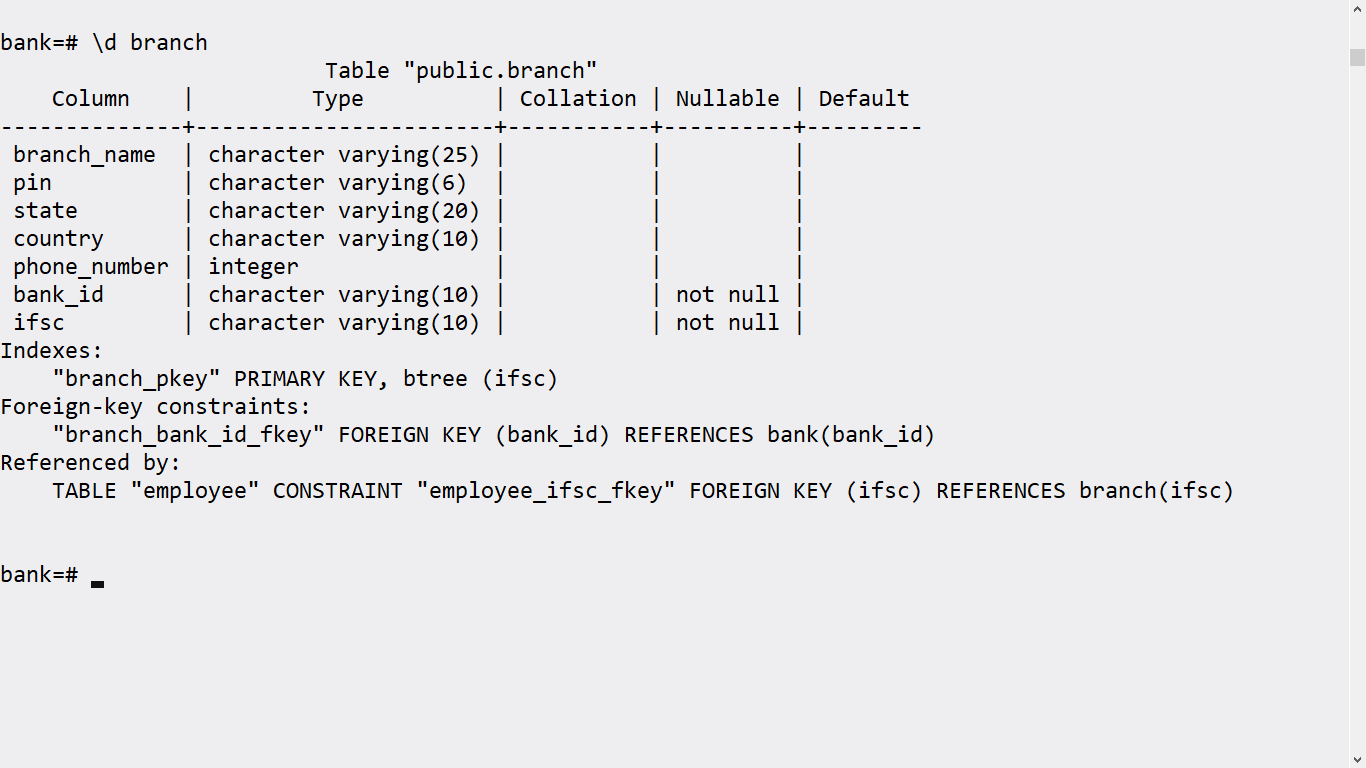
bank=# alter table branch drop ifsc;

ALTER TABLE

bank=# alter table branch add ifsc varchar(10) primary key;

ALTER TABLE

bank=# \d branch



bank=# create table employee(emp\_id varchar(10) primary key, name varchar(25),dob date not null, address varchar(50), email varchar(25), phone\_number int,supervisor\_id varchar(10) not null, ifsc varchar(10) not null, foreign key(ifsc) references branch(ifsc), foreign key(supervisor\_id) references employee(emp\_id));

CREATE TABLE

bank=# \d employee

