-- DROP SCHEMA project0;

CREATE SCHEMA project0 AUTHORIZATION postgres;

-- DROP TYPE project0."\_car";

CREATE TYPE project0."\_car" (

INPUT = array\_in,

OUTPUT = array\_out,

RECEIVE = array\_recv,

SEND = array\_send,

ANALYZE = array\_typanalyze,

ALIGNMENT = 8,

STORAGE = any,

CATEGORY = A,

ELEMENT = project0.car,

DELIMITER = ',');

-- DROP TYPE project0."\_loan";

CREATE TYPE project0."\_loan" (

INPUT = array\_in,

OUTPUT = array\_out,

RECEIVE = array\_recv,

SEND = array\_send,

ANALYZE = array\_typanalyze,

ALIGNMENT = 8,

STORAGE = any,

CATEGORY = A,

ELEMENT = project0.loan,

DELIMITER = ',');

-- DROP TYPE project0."\_offer";

CREATE TYPE project0."\_offer" (

INPUT = array\_in,

OUTPUT = array\_out,

RECEIVE = array\_recv,

SEND = array\_send,

ANALYZE = array\_typanalyze,

ALIGNMENT = 8,

STORAGE = any,

CATEGORY = A,

ELEMENT = project0.offer,

DELIMITER = ',');

-- DROP TYPE project0."\_payment";

CREATE TYPE project0."\_payment" (

INPUT = array\_in,

OUTPUT = array\_out,

RECEIVE = array\_recv,

SEND = array\_send,

ANALYZE = array\_typanalyze,

ALIGNMENT = 8,

STORAGE = any,

CATEGORY = A,

ELEMENT = project0.payment,

DELIMITER = ',');

-- DROP TYPE project0."\_user";

CREATE TYPE project0."\_user" (

INPUT = array\_in,

OUTPUT = array\_out,

RECEIVE = array\_recv,

SEND = array\_send,

ANALYZE = array\_typanalyze,

ALIGNMENT = 8,

STORAGE = any,

CATEGORY = A,

ELEMENT = project0."user",

DELIMITER = ',');

-- DROP TYPE project0.car;

CREATE TYPE project0.car AS (

carid int4,

make varchar,

model varchar,

"year" varchar,

status varchar,

userid int4);

-- DROP TYPE project0.loan;

CREATE TYPE project0.loan AS (

loanid serial,

purchaseprice numeric(8,2),

interest numeric(8,2),

userid int4,

carid int4,

payments\_remaining int4,

payment\_amount numeric);

-- DROP TYPE project0.offer;

CREATE TYPE project0.offer AS (

offerid int4,

userid int4,

firstname varchar,

lastname varchar,

carid int4,

make varchar,

model varchar,

amount numeric(8,2));

-- DROP TYPE project0.payment;

CREATE TYPE project0.payment AS (

paymentid int4,

"date" date,

amount numeric(8,2),

userid int4,

firstname varchar,

lastname varchar,

make varchar,

model varchar,

carid int4);

-- DROP TYPE project0."user";

CREATE TYPE project0."user" AS (

userid int4,

firstname varchar,

lastname varchar,

email varchar,

"password" varchar,

"type" varchar);

-- DROP SEQUENCE project0.cars\_carid\_seq;

CREATE SEQUENCE project0.cars\_carid\_seq

INCREMENT BY 1

MINVALUE 1

MAXVALUE 2147483647

START 1

CACHE 1

NO CYCLE;

-- DROP SEQUENCE project0.customers\_customerid\_seq;

CREATE SEQUENCE project0.customers\_customerid\_seq

INCREMENT BY 1

MINVALUE 1

MAXVALUE 2147483647

START 1

CACHE 1

NO CYCLE;

-- DROP SEQUENCE project0.loan\_loanid\_seq;

CREATE SEQUENCE project0.loan\_loanid\_seq

INCREMENT BY 1

MINVALUE 1

MAXVALUE 2147483647

START 1

CACHE 1

NO CYCLE;

-- DROP SEQUENCE project0.offers\_offerid\_seq;

CREATE SEQUENCE project0.offers\_offerid\_seq

INCREMENT BY 1

MINVALUE 1

MAXVALUE 2147483647

START 1

CACHE 1

NO CYCLE;

-- DROP SEQUENCE project0.payments\_paymentid\_seq;

CREATE SEQUENCE project0.payments\_paymentid\_seq

INCREMENT BY 1

MINVALUE 1

MAXVALUE 2147483647

START 1

CACHE 1

NO CYCLE;-- project0."user" definition

-- Drop table

-- DROP TABLE project0."user";

CREATE TABLE project0."user" (

userid int4 NOT NULL DEFAULT nextval('project0.customers\_customerid\_seq'::regclass),

firstname varchar NOT NULL,

lastname varchar NOT NULL,

email varchar NOT NULL,

"password" varchar NOT NULL,

"type" varchar NOT NULL,

CONSTRAINT customers\_pk PRIMARY KEY (userid)

);

-- project0.car definition

-- Drop table

-- DROP TABLE project0.car;

CREATE TABLE project0.car (

carid int4 NOT NULL DEFAULT nextval('project0.cars\_carid\_seq'::regclass),

make varchar NOT NULL,

model varchar NOT NULL,

"year" varchar NULL,

status varchar NOT NULL,

userid int4 NULL,

CONSTRAINT cars\_pk PRIMARY KEY (carid),

CONSTRAINT car\_fk FOREIGN KEY (userid) REFERENCES project0."user"(userid)

);

-- project0.loan definition

-- Drop table

-- DROP TABLE project0.loan;

CREATE TABLE project0.loan (

loanid serial NOT NULL,

purchaseprice numeric(8,2) NOT NULL,

interest numeric(8,2) NOT NULL,

userid int4 NOT NULL,

carid int4 NOT NULL,

payments\_remaining int4 NOT NULL DEFAULT 60,

payment\_amount numeric NULL,

CONSTRAINT loan\_pk PRIMARY KEY (loanid),

CONSTRAINT loan\_fk FOREIGN KEY (carid) REFERENCES project0.car(carid),

CONSTRAINT loan\_fk2 FOREIGN KEY (userid) REFERENCES project0."user"(userid)

);

-- project0.offer definition

-- Drop table

-- DROP TABLE project0.offer;

CREATE TABLE project0.offer (

offerid int4 NOT NULL DEFAULT nextval('project0.offers\_offerid\_seq'::regclass),

userid int4 NOT NULL,

firstname varchar NULL,

lastname varchar NULL,

carid int4 NOT NULL,

make varchar NULL,

model varchar NULL,

amount numeric(8,2) NOT NULL,

CONSTRAINT offers\_pk PRIMARY KEY (offerid),

CONSTRAINT offers\_fk FOREIGN KEY (carid) REFERENCES project0.car(carid),

CONSTRAINT offers\_fk2 FOREIGN KEY (userid) REFERENCES project0."user"(userid)

);

-- project0.payment definition

-- Drop table

-- DROP TABLE project0.payment;

CREATE TABLE project0.payment (

paymentid int4 NOT NULL DEFAULT nextval('project0.payments\_paymentid\_seq'::regclass),

"date" date NOT NULL,

amount numeric(8,2) NOT NULL,

userid int4 NOT NULL,

firstname varchar NOT NULL,

lastname varchar NOT NULL,

make varchar NOT NULL,

model varchar NOT NULL,

carid int4 NOT NULL,

CONSTRAINT payments\_pk PRIMARY KEY (paymentid),

CONSTRAINT payments\_fk FOREIGN KEY (userid) REFERENCES project0."user"(userid),

CONSTRAINT payments\_fk2 FOREIGN KEY (carid) REFERENCES project0.car(carid)

);