Create table customer

(

Customer\_id int not null,

First\_name varchar(50) not null,

Father\_name varchar(50),

Last\_name varchar(50) not null,

Title int,

Dob date not null,

Email varchar(50) not null,

Gender char(1) not null,

Street varchar(30),

Zip\_Code varchar(10),

Country int,

Degree int,

Marital\_status int,

Ethnicity int,

Profession int,

Health\_info int,

Driverlicense int,

Cnss int,

Religion int,

Primary key(customer\_id),

Foreign key (title) references title(title\_id) on update cascade on delete no action,

Foreign key (gender) references gender(gender\_id) on update cascade on delete no action,

Foreign key (country) references country(country\_id) on update cascade on delete no action,

Foreign key (marital\_status) references maritalstatus(maritalstatus\_id) on update cascade on delete no action,

Foreign key (profession) references profession(profession\_id) on update cascade on delete no action,

Foreign key (driverlicense) references driverlicense(driverlicense\_id) on update cascade on delete no action,

Foreign key (cnss) references cnss(cnss\_id) on update cascade on delete no action,

Foreign key (religion) references religion(religion\_id) on update cascade on delete no action,

Foreign key (ethnicity) references ethnicity(ethnicity\_id) on update cascade on delete no action,

)

Create table payment

(

Payment\_id int not null,

Payment\_type varchar(50) not null,

Descriptionpayement int,

Commsion numeric(10,2) not null,

Taxes numeric (3,2) not null,

Net\_amount numeric (30,2) not null,

Discounts numeric (10),

Total\_amount numeric(30) not null,

Currency numeric(10),

Quantity numeric(10) not null,

Date\_of\_payement date not null,

Change numeric(10),

Covered\_items varchar (50) not null,

Customer int,

Descriptionpayment int,

Primary key (payment\_id),

Foreign key (customer) references customer(customer\_id) on update cascade on delete no action,

Foreign key (Descriptionpayement) references Descriptionpayement (Descriptionpayement\_id) on update cascade on delete no action,

)

Create table settlement

(

Settlement\_id int not null,

First\_payment date not null,

Customer\_penalty numeric(20),

Company\_penalty numeric(20),

Starting\_date date not null,

Ending\_date date not null,

Selling\_price numeric(30) not null,

Total\_duration varchar(10) not null,

Settelment\_type varchar(10) not null,

Settelment\_status varchar(10) not null,

Taxes numeric(5,2) not null,

Discount numeric(10),

Number\_of\_settelment numeric(10) not null,

[Policy] int,

Primary key(settlement\_id),

Foreign key([policy]) references [policy](policy\_id) on update cascade on delete no action,

)

Create table policy

(

Policy\_id int not null,

Policy\_name varchar(50) not null,

Class varchar(10),

Risk\_range varchar(20),

Policy\_type varchar(20) not null,

Group\_tarrif numeric(30),

Start\_policy date not null,

End\_policy date not null,

Nb\_of\_insurance numeric(10) not null,

Discount numeric(10),

Taxes numeric(3,2) not null,

Net\_amount numeric(20) not null,

Total\_amount numeric(30) not null,

Customer int,

[Broker] int,

Primary key(policy\_id),

Foreign key ([broker]) references [broker](broker\_id) on update cascade on delete no action,

Foreign key (customer) references customer(customer\_id) on update no action on delete no action,

)

Create table broker

(

Broker\_id int not null,

First\_name varchar(50) not null,

Father\_name varchar(50),

Last\_name varchar(50) not null,

Dob date,

Email varchar(50) not null,

Gender char(1) not null,

Licensed bit,

Cnss int,

Position varchar(20) not null,

Salary\_range numeric(10) not null,

Salary\_type varchar(10) not null,

Full\_time bit,

Working\_hours numeric(5) not null,

Commission\_rate numeric(5,2) not null,

Branch varchar(20) not null,

Portfolio varchar(50),

Specialization varchar(30),

Experience varchar(50),

Primary key(broker\_id),

Foreign key (gender) references gender(gender\_id) on update cascade on delete no action,

Foreign key (cnss) references cnss(cnss\_id) on update cascade on delete no action,

)

Create table healthinfo

(

Healthinfo\_id int not null,

Medical\_conditions varchar(50) not null,

Notes varchar(50) not null,

Allergies varchar(30) not null,

Medications varchar(50) not null,

Bloodtype int,

Organdonor bit,

[Weight] numeric(3),

Height numeric(3),

Emergency\_contact varchar(20) check (len(emergency\_contact)<=20),

Smoking bit,

Drinking bit,

Drugs bit,

Tuberculosis bit,

Health\_problems varchar(50),

Genetic\_problems varchar(50),

Customer int,

Healthinsurance int,

Primary key (healthinfo\_id),

Foreign key (customer) references customer(customer\_id) on update cascade on delete no action,

Foreign key(healthinsurance) references healthinsurance(healthinsurance\_id) on update cascade on delete no action,

Foreign key (bloodtype) references bloodtype(bloodtype\_id) on update cascade on delete no action,

)

Create table carpolicy

(

Carpolicy\_id int not null,

Starting\_date date not null,

Ending\_date date not null,

Obligatory\_no Varchar(10) not null,

Riskes\_covered varchar(50),

Particular\_conditions varchar(30),

Purchasing\_date date not null,

Oil\_type varchar(10),

Number\_of\_seats numeric(5),

Used\_for varchar(20),

Plate\_number varchar(20),

Chasis varchar(20),

Car\_Type varchar(20),

Design varchar(30),

Engine\_number varchar(30),

Lights\_type varchar(20),

Emission varchar(20),

Horse\_power varchar(10),

Color varchar(10),

Discount numeric (10),

Taxes numeric(5,2) not null,

Net\_amount numeric(10) not null,

Total\_amount numeric(10) not null,

Total\_duration numeric(10) not null,

[Policy] int,

Carinsurance int,

Primary key(carpolicy\_id),

Foreign key([policy]) references [policy](policy\_id) on update cascade on delete no action,

Foreign key(carinsurance) references carinsurance(carinsurance\_id) on update cascade on delete no action,

)

Create table realestatepolicy

(

Realestatepolicy\_id int not null,

Country int,

Zip\_code varchar(10),

Ownership\_type varchar(10),

Street\_number varchar(20),

Building\_number varchar(10),

Section varchar(3),

[Floor] varchar(5),

Homeowner\_name varchar(50),

Builder\_name varchar(50),

Parking bit,

Estimatedprice\_per\_m2 numeric (20),

risks\_covered varchar(50),

conditions varchar(50),

Discount numeric (10),

Taxes numeric(5,2) not null,

Net\_amount numeric(10) not null,

Total\_amount numeric(10) not null,

Total\_duration numeric(10) not null,

Starting\_date date not null,

Ending\_date date not null,

[Policy] int,

Realestateinsurance int,

Primary key (Realestatepolicy\_id),

Foreign key([policy]) references [policy](policy\_id) on update cascade on delete no action,

Foreign key(realestateinsurance) references realestateinsurance (realestateinsurance\_id) on update cascade on delete no action,

Foreign key(country) references country(country\_id) on update no action on delete no action,

)

Create table healthpolicy

(

Healthpolicy\_id int not null,

Discount numeric (10),

Taxes numeric(5,2) not null,

Net\_amount numeric(10) not null,

Total\_amount numeric(10) not null,

Total\_duration numeric(10) not null,

Starting\_date date not null,

Ending\_date date not null,

risks\_covered varchar(50),

details varchar(50),

hospitals\_sereved varchar(50),

[Policy] int,

Healthinsurance int,

Primary key (healthpolicy\_id),

Foreign key([policy]) references [policy](policy\_id) on update cascade on delete no action,

Foreign key(healthinsurance) references healthinsurance(healthinsurance\_id) on update cascade on delete no action,

)

Create table lifepolicy

(

Lifepolicy\_id int not null,

Lifepolicy\_Type varchar(10),

Age\_condition numeric (5),

Conditions varchar(50),

Discount numeric (10),

Taxes numeric(5,2) not null,

Net\_amount numeric(10) not null,

Total\_amount numeric(10) not null,

Total\_duration numeric(10) not null,

Starting\_date date not null,

Ending\_date date not null,

[Policy] int,

Lifeinsurance int,

Primary key (lifepolicy\_id),

Foreign key([policy]) references [policy](policy\_id) on update cascade on delete no action,

Foreign key(lifeinsurance) references lifeinsurance(lifeinsurance\_id) on update cascade on delete no action,

)

Create table healthinsurance

(

Healthinsurance\_id int not null,

Basic\_Nil\_class varchar(1),

Valid\_until date not null,

Healthinsurance\_Type varchar(50),

risks\_covered varchar(50),

conditions varchar(50),

Discount numeric (10),

Taxes numeric(3,2) not null,

Net\_amount numeric(10) not null,

Total\_amount numeric(10) not null,

Total\_duration numeric(10) not null,

Starting\_date date not null,

Ending\_date date not null,

Primary key(Healthinsurance\_id),

)

Create table lifeinsurance

(

Lifeinsurance\_id int not null,

Beneficiaries varchar(30),

details varchar(50),

risks\_covered varchar(50),

conditions varchar(50),

Discount numeric (10),

Taxes numeric(3,2) not null,

Net\_amount numeric(10) not null,

Total\_amount numeric(10) not null,

Total\_duration numeric(10) not null,

Starting\_date date not null,

Ending\_date date not null,

Primary key(lifeinsurance\_id),

)

Create table realestateinsurance

(

Realestateinsurance\_id int not null,

Country int,

Age\_of\_property numeric(5),

House\_price numeric(10),

Number\_of\_rooms numeric(5),

Actual\_status varchar(10),

Home\_type varchar(10),

Conditions varchar(50),

Riskes\_covered varchar(50),

Starting\_date date not null,

Ending\_date date not null,

Discount numeric (10),

Taxes numeric(3,2) not null,

Net\_amount numeric(10) not null,

Total\_amount numeric(10) not null,

Total\_duration numeric(10) not null,

Primary key(Realestateinsurance\_id),

Foreign key(country) references country (country\_id) on update cascade on delete no action,

)

Create table carinsurance

(

Carinsurance\_id int not null,

Brand\_name varchar(30) not null,

Manufactured\_year date not null,

Vehicle\_category varchar(20),

Discount numeric (10),

Taxes numeric(3,2) not null,

Net\_amount numeric(10) not null,

Total\_amount numeric(10) not null,

Total\_duration numeric(10) not null,

Starting\_date date not null,

Ending\_date date not null,

Primary key(Carinsurance\_id),

)

Create table title

(

Title\_id int not null,

Title\_name varchar(5) not null,

Primary key(title\_id)

)

Create table gender

(

Gender\_id char(1) check (gender\_id in ('M','F')) not null,

Gender\_name char(6) not null,

Primary key(gender\_id),

)

Create table country

(

Country\_id int not null,

Country\_name varchar(30) not null,

Languages varchar(20),

Nationality varchar(20),

Timezone varchar(10),

Currency numeric(10,5),

Primary key( country\_id),

)

Create table region

(

Region\_id int not null,

Region\_name varchar(30) not null,

Country int,

Primary key(region\_id),

Foreign key(country) references country(country\_id) on update cascade on delete no action,

)

Create table city

(

City\_id int not null,

City\_name varchar(30) not null,

Region int,

Primary key(city\_id),

Foreign key(region) references region(region\_id) on update cascade on delete no action,

)

Create table degree

(

Degree\_id int not null,

Degree\_name varchar(50),

University varchar(50),

Major varchar(50),

Level\_achived varchar(50),

[Broker] int,

Customer int,

Primary key(degree\_id),

Foreign key([broker]) references [broker](broker\_id) on update cascade on delete no action,

Foreign key(customer) references customer(customer\_id) on update no action on delete no action,

)

Create table maritalstatus

(

Maritalstatus\_id int not null,

Maritalstatus\_name varchar(10) not null,

Primary key(maritalstatus\_id),

)

Create table driverlicense

(

Driverlicense\_id int not null,

License\_type varchar(2) not null,

Primary key(driverlicense\_id),

)

Create table religion

(

Religion\_id int not null,

religion\_name varchar(30) not null,

confession int,

primary key(religion\_id),

Foreign key(confession) references confession (confession\_id) on update cascade on delete no action,

)

Create table confession

(

Confession\_id int not null,

Confession\_name varchar(30) not null,

Primary key(confession\_id),

)

Create table profession

(

Profession\_id int not null,

Profession\_name varchar(30) not null,

Primary key(profession\_id)

)

Create table bloodtype

(

Bloodtype\_id int not null,

Bloodtype\_code varchar(2) not null,

Rhesus\_factor varchar(1) not null,

Primary key(bloodtype\_id),

)

Create table cnss

(

Cnss\_id int not null,

Cnss\_status bit,

Primary key(cnss\_id),

)

Create table descriptionpayement

(

Descriptionpayement\_id int not null,

RefN varchar(10),

Payers\_name varchar(20),

Pay\_type varchar(20),

Primary key(Descriptionpayement\_id),

)

Create table ethnicity

(

Ethnicity\_id int not null,

Ethnicity\_name varchar(30),

Primary key(ethnicity\_id),

)

Create table nationalityall

(

Nationalityall\_id int not null,

Date\_of\_issue date,

Customer int,

[Broker] int,

Nationality int,

Primary key (nationalityall\_id),

Foreign key (customer) references customer(customer\_id) on update cascade on delete no action,

Foreign key ([broker]) references [broker](broker\_id) on update no action on delete no action,

Foreign key (nationality) references nationality (nationality\_id) on update no action on delete no action,

)

Create table nationality

(

Nationality\_id int not null,

Nationality\_name varchar(20) not null,

Primary key(nationality\_id),

)

Create table phonenumber\_all

(

phonenumber\_all\_id int not null,

Customer int,

[Broker] int,

phonenumber int,

Primary key (phonenumber\_all\_id),

Foreign key (customer) references customer(customer\_id) on update cascade on delete no action,

Foreign key ([broker]) references [broker](broker\_id) on update no action on delete no action,

Foreign key (phonenumber) references phonenumber (phonenumber\_id) on update cascade on delete no action,

)

Create table phonenumber

(

phonenumber\_id int not null,

Phone\_number varchar(20) check (len(phone\_number)<=20) not null,

Primary key(phonenumber\_id),

)