--Drop lists

DROP TABLE IF EXISTS country\_t;

DROP TABLE IF EXISTS city\_t;

DROP TABLE IF EXISTS country\_t;

DROP TABLE IF EXISTS Invoice\_Line\_T;

DROP TABLE IF EXISTS Product\_T;

DROP TABLE IF EXISTS Invoice\_T;

DROP TABLE IF EXISTS Customer\_T;

--create 2 views

create view country\_t as

select \*from country\_t

where cntry\_name='canada';

create view city\_t as

select\*from city\_t

where city\_name='Kabul';

--ddl statement

create table country\_T(

cntry\_code character(3),

cntry\_name character varying (30) not null,

cntry\_population integer,

CONSTRAINT PK\_country\_T PRIMARY KEY(cntry\_code )

);

CREATE TABLE Customer\_T (

Cust\_Id CHAR( 4 ),

Cust\_Fname VARCHAR( 30 ) NULL,

Cust\_Lname VARCHAR( 30 ) NOT NULL,

Cust\_Phone VARCHAR( 15 ) NOT NULL,

Cust\_Address VARCHAR( 20 ) NOT NULL,

Cust\_City VARCHAR( 15 ) NOT NULL,

Cust\_Prov CHAR( 2 ) NULL,

Cust\_PostCode CHAR( 6 ) NOT NULL,

Cust\_Balance DECIMAL( 9, 2 ),

cust\_country character(3),

CONSTRAINT PK\_Customer PRIMARY KEY (Cust\_Id ),

CONSTRAINT FK\_Cutomer\_T FOREIGN KEY( Cust\_country) REFERENCES Cust\_country( customer\_T)

);

create table city\_T(

city\_id integer,

city\_name character varying(30),

cntry\_code character(3),

city\_population integer,

CONSTRAINT PK\_city\_T PRIMARY KEY( city\_id ),

CONSTRAINT FK\_City\_T FOREIGN KEY( Cntry\_code ) REFERENCES Cntry\_code( Country\_T)

);

CREATE TABLE Invoice\_T (

Invoice\_Number CHAR( 6 ),

Cust\_Id CHAR( 4 ) NOT NULL,

Invoice\_Date DATE DEFAULT NOW(),

CONSTRAINT PK\_Invoice\_T PRIMARY KEY( Invoice\_Number )

);

CREATE TABLE Product\_T (

Prod\_Code CHAR( 5 ),

Prod\_Description VARCHAR( 60 ) NOT NULL,

Prod\_Indate DATE NOT NULL DEFAULT NOW(),

Prod\_QOH INTEGER NOT NULL,

Prod\_Min INTEGER,

Prod\_Price DECIMAL( 5, 2 ) NOT NULL,

Prod\_Discount INTEGER,

cntry\_origin character(3),

CONSTRAINT PK\_Product\_T PRIMARY KEY( Prod\_Code ),

CONSTRAINT FK\_product\_T FOREIGN KEY(cntry\_origin) REFERENCES Cntry\_origin( product\_T )

);

CREATE TABLE Invoice\_Line\_T (

Invoice\_Number CHAR( 6 ),

Invoice\_Line INTEGER,

prod\_code CHAR( 5 ) NOT NULL,

Line\_Unit INTEGER NOT NULL,

line\_price DECIMAL( 9, 2 ) NOT NULL,

CONSTRAINT PK\_Invoice\_line\_T PRIMARY KEY( Invoice\_Number, Invoice\_Line ),

CONSTRAINT FK1\_Invoice\_line\_T FOREIGN KEY( Invoice\_Number ) REFERENCES Invoice\_T( Invoice\_Number ),

CONSTRAINT FK2\_Invoice\_line\_ FOREIGN KEY( Prod\_Code ) REFERENCES Product\_T( Prod\_Code )

);