TAREA: SOLUCION CASO VENTAS

CREATE DATABASE VENTAS

ON PRIMARY (

NAME= VENTAS\_dat,

FILENAME ='C:\DATA\VENTAS.mdf',

SIZE = 30 MB,

MAXSIZE = 50 MB,

FILEGROWTH = 2MB

)LOG ON

(

NAME = VENTAS\_log,

FILENAME ='C:\DATA\VENTAS.ldf',

SIZE = 10 MB,

MAXSIZE = 20 MB,

FILEGROWTH = 2MB

)

USE VENTAS

GO

CREATE TABLE DISTRITO(

COD\_DIST INT NOT NULL PRIMARY KEY,

DESCRIP\_DIST VARCHAR(60) NOT NULL

)

CREATE TABLE CLIENTE(

COD\_CLI INT NOT NULL PRIMARY KEY,

DIRECCION\_CLI VARCHAR(60) NOT NULL,

TELEFONO\_CLI CHAR(10) NULL,

CODIST\_CLI CHAR(10) NOT NULL,

CORREO\_E\_CLI VARCHAR(60) NOT NULL,

WEB VARCHAR(60)NULL,

COD\_DIST INT NOT NULL REFERENCES DISTRITO

)

CREATE TABLE EMPLEADO(

COD\_EMP INT NOT NULL PRIMARY KEY,

NOMBRES\_EMP VARCHAR(60) NOT NULL,

APE\_PATER\_EMP CHAR(60) NOT NULL,

APE\_MATER\_EMP CHAR(60) NOT NULL,

FECHA\_NAC\_EMP DATETIME NOT NULL,

DIRECCION\_EMP VARCHAR(60) NOT NULL,

TELEFONO\_EMP CHAR(10) NULL,

CODDIST\_EMP CHAR(10) NOT NULL,

CORREO\_E\_EMP VARCHAR(60) NOT NULL,

FECHA\_INGRESE\_EMP DATETIME NOT NULL,

COD\_SUPERVISOR INT NOT NULL REFERENCES EMPLEADO(COD\_EMP),

COD\_DIST INT NOT NULL REFERENCES DISTRITO

)

CREATE TABLE CLIENTE\_NATURAL(

COD\_CLI INT NOT NULL REFERENCES CLIENTE,

NOMBRE\_CLI CHAR(60) NOT NULL,

APE\_PATER\_CLI CHAR(60) NOT NULL,

APE\_MATER\_CLI CHAR(60) NOT NULL,

PRIMARY KEY (COD\_CLI)

)

CREATE TABLE CLIENTE\_JURIDICO(

COD\_CLI INT NOT NULL REFERENCES CLIENTE,

RAZONZOCIAL\_CLI VARCHAR(60) NOT NULL,

RUC\_CLI CHAR(10) NOT NULL,

CONTACTO\_CLI VARCHAR(60) NOT NULL,

COD\_CARGO\_CLI CHAR(10) NOT NULL,

PRIMARY KEY (COD\_CLI)

)

CREATE TABLE DETALLE\_BOLETA(

COD\_BOL INT NOT NULL REFERENCES BOLETA,

COD\_PRO INT NOT NULL,

CANTIDAD INT NOT NULL,

PRECIOVENTA DECIMAL(8,2) NOT NULL,

PRIMARY KEY (COD\_BOL)

)

ALTER TABLE DETALLE\_BOLETA

ADD CONSTRAINT fk\_producto

FOREIGN KEY (COD\_PRO)

REFERENCES PRODUCTO (COD\_PRO)

DROP TABLE DETALLE\_BOLETA

CREATE TABLE DETALLE\_BOLETA(

COD\_BOL INT NOT NULL REFERENCES BOLETA,

COD\_PRO INT NOT NULL REFERENCES PRODUCTO,

CANTIDAD INT NOT NULL,

PRECIOVENTA DECIMAL(8,2) NOT NULL,

PRIMARY KEY (COD\_BOL)

)

DROP TABLE DETALLE\_BOLETA

CREATE TABLE DETALLE\_BOLETA(

COD\_BOL INT NOT NULL REFERENCES BOLETA,

COD\_PRO INT NOT NULL REFERENCES PRODUCTO,

CANTIDAD INT NOT NULL,

PRECIOVENTA DECIMAL(8,2) NOT NULL,

PRIMARY KEY (COD\_BOL,COD\_PRO)

)

CREATE TABLE BOLETA(

COD\_BOL INT NOT NULL PRIMARY KEY,

COD\_EMP INT NOT NULL REFERENCES EMPLEADO,

FECHA\_BOL DATETIME NOT NULL,

COD\_CLI INT NOT NULL REFERENCES CLIENTE,

ESTADO\_BOL VARCHAR(10) NOT NULL

)

CREATE TABLE PRODUCTO(

COD\_PRO INT NOT NULL PRIMARY KEY,

DESCRIP\_PRO VARCHAR(60) NOT NULL,

PRECIO\_PRO DECIMAL(8,2) NOT NULL,

STOCK\_ACT\_PRO INT NOT NULL,

STOCK\_MIN\_PRO INT NOT NULL,

COD\_TIPO\_PRO CHAR(10) NOT NULL REFERENCES TIPO\_PRODUCTO

)

CREATE TABLE TIPO\_PRODUCTO(

COD\_TIPO\_PRO CHAR(10) NOT NULL PRIMARY KEY,

DESCRIP\_TIPO\_PRO VARCHAR(60) NOT NULL

)

--------------------------------------------

ALTER TABLE CLIENTE

ADD CONSTRAINT DF\_CORREO\_E\_CLI DEFAULT 'NO REGISTRA'

FOR CORREO\_E\_CLI

ALTER TABLE PRODUCTO

ADD CONSTRAINT chk\_precio\_pro

CHECK (PRECIO\_PRO >= 0 AND PRECIO\_PRO <= 0)

ALTER TABLE EMPLEADO

ADD CONSTRAINT chk\_fecha\_nac\_emp

CHECK (FECHA\_NAC\_EMP < GETDATE ())

ALTER TABLE PRODUCTO

ADD CONSTRAINT DF\_COD\_TIPO\_PRO DEFAULT 'TIPO\_01'

FOR COD\_TIPO\_PRO

CREATE TABLE CLIENTE\_BAK(

COD\_CLI INT NOT NULL PRIMARY KEY,

DIRECCION\_CLI VARCHAR(60) NOT NULL,

TELEFONO\_CLI CHAR(10) NULL,

CODIST\_CLI CHAR(10) NOT NULL,

CORREO\_E\_CLI VARCHAR(60) NOT NULL,

WEB VARCHAR(60)NULL,

COD\_DIST INT NOT NULL REFERENCES DISTRITO

)

DROP TABLE CLIENTE\_BAK

CREATE TABLE CLIENTE\_BAK(

COD\_CLI INT NOT NULL IDENTITY,

DIRECCION\_CLI VARCHAR(60) NOT NULL,

TELEFONO\_CLI CHAR(10) NULL,

CODIST\_CLI CHAR(10) NOT NULL,

CORREO\_E\_CLI VARCHAR(60) NOT NULL,

WEB VARCHAR(60)NULL,

COD\_DIST INT NOT NULL REFERENCES DISTRITO

)

INSERT INTO CLIENTE\_BAK(DIRECCION\_CLI,TELEFONO\_CLI,CODIST\_CLI,CORREO\_E\_CLI,WEB,COD\_DIST)

VALUES('Av. Grau','5323834',11,'abc@hotmail.com','www.abc.com',99)

INSERT INTO CLIENTE\_BAK(DIRECCION\_CLI,TELEFONO\_CLI,CODIST\_CLI,CORREO\_E\_CLI,WEB,COD\_DIST)

VALUES('Av. Pershing','2781056',22,'def@hotmail.com','www.def.com',88)

INSERT INTO CLIENTE\_BAK(DIRECCION\_CLI,TELEFONO\_CLI,CODIST\_CLI,CORREO\_E\_CLI,WEB,COD\_DIST)

VALUES('Av. Wilson','4492984',33,'ghi@hotmail.com','www.ghi.com',77)

SELECT \* FROM CLIENTE\_BAK