CREATE DATABASE Exemplo

GO

USE Exemplo

GO

/\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

/\* Criando as tabelas do database \*/

/\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

CREATE TABLE TipoEnd

(

Cod\_TipoEnd int identity not null,

Nome\_TipoEnd varchar(30) not null,

Constraint PK\_TipoEnd Primary Key(Cod\_TipoEnd),

Constraint UQ\_TipoEnd Unique(Nome\_TipoEnd)

)

GO

CREATE TABLE Estado

(

Sigla\_Est char(02) not null,

Nome\_Est varchar(100) not null,

Constraint PK\_Est Primary Key(Sigla\_Est),

Constraint UQ\_Est Unique(Nome\_Est)

)

GO

CREATE TABLE Cidade

(

Cod\_Cid int Identity Not Null,

Sigla\_Est char(02) Not Null,

Nome\_Cid varchar(100) Not Null,

Constraint PK\_Cid Primary Key(Cod\_Cid),

Constraint FK\_Cid Foreign Key(Sigla\_Est) References Estado(Sigla\_Est),

Constraint UQ\_Cid Unique(Sigla\_Est,Nome\_Cid)

)

GO

CREATE TABLE TipoCli

(

Cod\_TipoCli int identity not null,

Nome\_TipoCli varchar(100) not null,

Constraint PK\_TipoCli Primary key(Cod\_TipoCli),

Constraint UQ\_TipoCli Unique(Nome\_TipoCli)

)

GO

CREATE TABLE Cliente

(

Cod\_Cli int Identity not null,

Cod\_TipoCli int not null,

Nome\_Cli varchar(100) not null,

Data\_CadCli smalldatetime not null Default Getdate(),

Renda\_Cli decimal(10,2) not null Default 0,

Sexo\_Cli char(01) not null Default 'F',

Constraint PK\_Cli Primary Key(Cod\_Cli),

Constraint FK\_Cli Foreign Key(Cod\_TipoCli)References TipoCli(Cod\_TipoCli),

Constraint CH\_Cli1 Check(Renda\_Cli >=0),

Constraint CH\_Cli2 Check(Sexo\_Cli IN('F','M'))

)

GO

CREATE TABLE Conjuge

(

Cod\_Cli int not null,

Nome\_Conj char(30) not null,

Renda\_Conj decimal(10,2) not null Default 0,

Sexo\_Conj char(01) not null Default 'M',

Constraint PK\_Conj Primary Key(Cod\_Cli),

Constraint FK\_Conj Foreign Key(Cod\_Cli) References Cliente(Cod\_Cli),

Constraint CH\_Conj1 Check(Renda\_Conj >=0),

Constraint CH\_Conj2 Check(Sexo\_Conj IN ('F','M'))

)

GO

CREATE TABLE Endereco

(

Cod\_End int identity not null,

Cod\_TipoEnd int not null,

Cod\_Cid int not null,

Cod\_Cli int not null,

Nome\_Rua varchar(100) not null,

Nome\_Bairro varchar(100) not null,

Compl\_End varchar(100) null,

Constraint PK\_End Primary Key(Cod\_End),

Constraint FK\_End1 Foreign Key(Cod\_TipoEnd) References TipoEnd(Cod\_TipoEnd),

Constraint FK\_End2 Foreign Key(Cod\_Cid) References Cidade(Cod\_Cid),

Constraint FK\_End3 Foreign Key(Cod\_Cli) References Cliente(Cod\_Cli)

)

GO

CREATE TABLE Credito

(

Num\_Lanc int identity not null,

Cod\_Cli int not null,

Cred\_Cli decimal(10,2) not null,

Data\_CredCli smalldatetime not null,

Constraint PK\_Cred Primary Key(Num\_Lanc),

Constraint FK\_Cred Foreign Key(Cod\_Cli) References Cliente(Cod\_Cli),

Constraint CH\_Cred Check(Cred\_Cli > 0)

)

GO

CREATE TABLE Fone

(

Num\_Lanc int identity not null,

Cod\_Cli int not null,

Num\_Fone char(10) not null,

Num\_DDD char(05) not null Default '011',

Constraint PK\_Fone Primary Key(Num\_Lanc),

Constraint FK\_Fone Foreign Key(Cod\_Cli) References Cliente(Cod\_Cli)

)

GO

CREATE TABLE EMail

(

Num\_Lanc int identity not null,

Cod\_Cli int not null,

EMail\_Cli varchar(255) not null,

Constraint PK\_Email Primary Key(Num\_Lanc),

Constraint FK\_Emails Foreign Key(Cod\_Cli) References Cliente(Cod\_Cli)

)

GO

CREATE TABLE StatusPedido

(

Cod\_Sta smallint identity not null,

Sta\_Ped varchar(100) not null,

Constraint PK\_StatusPed Primary Key(Cod\_Sta),

Constraint UQ\_StatusPed Unique(Sta\_Ped)

)

GO

CREATE TABLE Funcionario

(

Cod\_Func int Identity not null,

Nome\_Func varchar(100) not null,

Data\_CadFunc smalldatetime not null Default Getdate(),

Sexo\_Func char(01) not null Default 'F',

Sal\_Func decimal(10,2) not null Default 200,

End\_Func varchar(100) not null,

Constraint PK\_Func Primary Key(Cod\_Func),

Constraint CH\_Func1 Check(Data\_CadFunc >=Getdate()),

Constraint CH\_Func2 Check(Sexo\_Func IN ('F','M')),

Constraint CH\_Func3 Check(Sal\_Func >=0)

)

GO

CREATE TABLE Bonus

(

Num\_Lanc int identity not null,

Cod\_Func int not null,

Data\_Bonus smalldatetime not null default Getdate(),

Val\_Bonus decimal(10,2) not null,

Constraint PK\_Bonus Primary Key(Num\_Lanc),

Constraint FK\_Bonus Foreign Key(Cod\_Func) References Funcionario(Cod\_Func),

Constraint CH\_Bonus1 Check(Data\_Bonus >= Getdate()),

Constraint CH\_Bonus2 Check(Val\_Bonus > 0)

)

GO

CREATE TABLE Pontuacao

(

Num\_Lanc int identity not null,

Cod\_Func int not null,

Data\_Pto smalldatetime not null default Getdate(),

Pto\_Func decimal(4,2) not null,

Constraint PK\_Pto Primary Key(Num\_Lanc),

Constraint FK\_Pto Foreign Key(Cod\_Func) References Funcionario(Cod\_Func),

Constraint CH\_Pto1 Check(Data\_Pto >= Getdate()),

Constraint CH\_Pto2 Check(Pto\_Func > 0)

)

GO

CREATE TABLE Historico

(

Num\_Lanc int identity not null,

Cod\_Func int not null,

Data\_Hist smalldatetime not null Default Getdate(),

Sal\_Ant decimal(10,2) not null,

Sal\_Atual decimal(10,2) not null,

Constraint PK\_Hist Primary Key(Num\_Lanc),

Constraint FK\_Hist Foreign Key(Cod\_Func) References Funcionario(Cod\_Func),

Constraint CH\_Hist1 Check(Data\_Hist >= Getdate()),

Constraint CH\_Hist2 Check(Sal\_Ant >= 0),

Constraint CH\_Hist3 Check(Sal\_Ant > 0)

)

GO

CREATE TABLE Dependente

(

Cod\_Dep int identity not null,

Cod\_Func int not null,

Nome\_Dep varchar(100) not null,

Data\_NascDep smalldatetime not null,

Sexo\_Dep char(01) not null Default 'F',

Constraint PK\_Dep Primary Key(Cod\_Dep),

Constraint FK\_Dep Foreign Key(Cod\_Func)References Funcionario(Cod\_Func),

Constraint CH\_Dep Check(Sexo\_Dep IN ('F','M'))

)

GO

CREATE TABLE Pedido

(

Num\_Ped int identity not null,

Cod\_Cli int not null,

Cod\_Func int not null,

Cod\_Sta smallint not null,

Data\_Ped smalldatetime not null Default Getdate(),

Val\_Ped decimal(10,2) not null Default 0,

Constraint PK\_Pedido Primary Key(Num\_Ped),

Constraint FK\_Pedido1 Foreign Key(Cod\_Cli) References Cliente(Cod\_Cli),

Constraint FK\_Pedido2 Foreign Key(Cod\_Cli) References Funcionario(Cod\_Func),

Constraint CH\_Pedido1 Check(Data\_Ped >=getdate()),

Constraint CH\_Pedido2 Check(Val\_Ped >=0)

)

GO

CREATE TABLE Parcela

(

Num\_Par smallint not null,

Num\_Ped int not null,

Data\_Venc smalldatetime not null Default getdate(),

Val\_Venc decimal(10,2) not null,

Data\_Pgto smalldatetime null,

Val\_Pgto as

CASE

WHEN Data\_Pgto < Data\_Venc THEN Val\_Venc \* 0.9

WHEN Data\_Pgto = Data\_Venc THEN Val\_Venc

WHEN Data\_Pgto > Data\_Venc THEN Val\_Venc \* 1.1

END,

Constraint PK\_Parcela Primary key(Num\_Par,Num\_Ped),

Constraint FK\_Parcela Foreign Key(Num\_Ped)References Pedido(Num\_Ped),

Constraint CH\_Parcela1 Check(Data\_Venc >= getdate()),

Constraint CH\_Parcela2 Check(Val\_Venc >= 0),

)

GO

CREATE TABLE TipoProd

(

Cod\_TipoProd int identity not null,

Nome\_TipoProd varchar(100) not null,

Constraint PK\_TipoProd Primary Key(Cod\_TipoProd),

Constraint UQ\_TipoProd Unique(Nome\_TipoProd)

)

GO

CREATE TABLE Produto

(

Cod\_Prod int identity not null,

Cod\_TipoProd int not null,

Nome\_Prod varchar(100) not null,

Qtd\_EstqProd int not null Default 0,

Val\_UnitProd decimal(10,2) not null,

Val\_Total AS Qtd\_EstqProd \* Val\_UnitProd,

Constraint PK\_Prod Primary Key(Cod\_Prod),

Constraint FK\_Prod Foreign Key(Cod\_TipoProd) References TipoProd(Cod\_TipoProd),

Constraint UQ\_Prod Unique(Nome\_Prod),

Constraint CH\_Prod1 Check(Qtd\_EstqProd >= 0),

Constraint CH\_Prod2 Check(Val\_UnitProd > 0)

)

GO

CREATE TABLE Itens

(

Num\_Ped int not null,

Cod\_Prod int not null,

Qtd\_Vend int not null,

Val\_Vend decimal(10,2) not null,

Constraint PK\_Itens Primary Key(Num\_Ped,Cod\_Prod),

Constraint FK\_Itens1 Foreign Key(Num\_Ped) References Pedido(Num\_Ped),

Constraint FK\_Itens2 Foreign Key(Cod\_Prod) References Produto(Cod\_Prod),

Constraint CH\_Itens1 Check(Qtd\_Vend > 0),

Constraint CH\_Itens2 Check(Val\_Vend > 0)

)

GO

/\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

/\* Verificando a Criação da Tabelas do Database SYSAMPLES \*/

/\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

SELECT \* FROM Information\_Schema.Tables

WHERE Table\_Type = 'Base Table'

/\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/