USE AdventureWorksEurope;

CREATE TABLE SalesOrder

(

SalesOrderNumber nvarchar(20) UNIQUE NOT NULL, -- PK

CustomerID int NOT NULL, -- FK

OrderDate date NOT NULL,

DueDate date NOT NULL,

ShipDate date NOT NULL,

SalesAmount money,

SaleStatus nvarchar(7) DEFAULT 'Open'

PRIMARY KEY (SalesOrderNumber)

);

CREATE TABLE SalesOrderDetail

(

SalesOrderDetailID int NOT NULL UNIQUE IDENTITY(1, 1), --PK

SalesOrderNumber nvarchar(20) NOT NULL, --FK PK

ProductID int NOT NULL, -- FK

OrderQty smallint NOT NULL,

CurrencyID int, -- FK

UnitPrice money NOT NULL,

OrderTotal money NOT NULL,

PromotionID int NULL -- FK

PRIMARY KEY (SalesOrderDetailID)

);

ALTER TABLE SalesOrder

ADD FOREIGN KEY (CustomerID) REFERENCES Customer(CustomerID)

ON UPDATE CASCADE;

ALTER TABLE SalesOrderDetail

ADD FOREIGN KEY (SalesOrderNumber) REFERENCES SalesOrder(SalesOrderNumber)

ON UPDATE CASCADE;

ALTER TABLE SalesOrderDetail

ADD FOREIGN KEY (ProductID) REFERENCES Product(ProductID)

ON UPDATE CASCADE;

ALTER TABLE SalesOrderDetail

ADD FOREIGN KEY (CurrencyID) REFERENCES Currency(CurrencyID)

ON DELETE SET NULL

ALTER TABLE SalesOrderDetail

ADD FOREIGN KEY (PromotionID) REFERENCES Promotions(PromotionID)

ON UPDATE CASCADE;