```sql
CREATE DATABASE INFO_330_PROJ_01
USE INFO_330_PROJ_01
GO
CREATE TABLE tblMEMBER_TYPE
(MemberTypeID INT IDENTITY(1,1)primary key,
MemberTypeName varchar(50)not null,
MemberTypeDescr varchar(80)not null,
MembershipFee NUMERIC(10,2)not null)
GO
CREATE TABLE tblSTORE_TYPE
(StoreTypeID INT IDENTITY(1,1)primary key,
StoreTypeName varchar(50)not null,
StoreTypeDescr varchar(50)not null)
GO

CREATE TABLE tblMEMBER
(MemberID INT IDENTITY(1,1)primary key,
MemberFname varchar(50)not null,
MemberLname varchar(50)not null,
MemberEmail varchar(80)not null,
LifetimeOrders NUMERIC(10,2),
LifetimeAmount NUMERIC (10,2),
MemberPhoneNum varchar(20) not null,
MemberTypeID INT not null)
GO

ALTER TABLE tblMEMBER
ADD CONSTRAINT FK_tblMEMBER_MemberTypeID
FOREIGN KEY (MemberTypeID)
REFERENCES tblMEMBER_TYPE(MemberTypeID)
GO


-- Create Table for tblPRODUCT_TYPE
CREATE TABLE tblPRODUCT_TYPE
(ProductTypeID INT IDENTITY(1,1) PRIMARY KEY,
ProductTypeName VARCHAR(50) NOT NULL,
ProductTypeDescr VARCHAR(150) NULL)
GO

-- Create Table for tblPO_PRODUCT
```

```sql
CREATE TABLE tblPO_PRODUCT
(PO_ProdID INT IDENTITY(1,1) PRIMARY KEY,
PO_ProductName VARCHAR(50) NOT NULL,
PO_ProductPrice NUMERIC (10,2) NOT NULL,
Quantity INT NOT NULL,
)
GO

-- Create Table for tblPURCHASE_ORDER
CREATE TABLE tblPURCHASE_ORDER
(PurchaseOrderID INT IDENTITY(1,1) PRIMARY KEY,
PurchaseOrderName VARCHAR(150) NOT NULl,
TotalAmount NUMERIC (10,2) NOT NULL,
PurchaseDate DATE NOT NULL,
)
GO

ALTER TABLE tblPO_PRODUCT
ADD CONSTRAINT FK_PO_PRODUCT_PurchaseOrderID
FOREIGN KEY (PurchaseOrderID)
REFERENCES tblPO_PRODUCT(PurchaseOrderID)
GO

ALTER TABLE tblPO_PRODUCT
ADD CONSTRAINT FK_PO_PRODUCT_ProductID
FOREIGN KEY (ProductID)
REFERENCES tblPO_PRODUCT(ProductID)
GO

ALTER TABLE tblPURCHASE_ORDER
ADD CONSTRAINT FK_PURCHASE_ORDER_EmployeeID
FOREIGN KEY (EmployeeID)
REFERENCES tblPURCHASE_ORDER(EmployeeID)
GO

CREATE TABLE tblSUPPLIER
(SupplierID INTEGER IDENTITY (1,1) primary key,
SupplierName varchar(50) not null,
SupplierEmail varchar(50) not null,
SupplierPhoneNum varchar(50) not null,
AverageLeadOrders varchar(50) not null)
```

```sql
GO

CREATE TABLE tblPRODUCT
(ProductID INTEGER IDENTITY (1,1) primary key,
ProductName varchar(50) not null,
ProductPrice Numeric(7,2),
ProductTypeID INT not null,
SupplierID INT not null)
GO

CREATE TABLE tblSO_PRODUCT
(SO_ProdID INTEGER IDENTITY (1,1) primary key,
SO_ProductName varchar(50) not null,
SO_ProductPrice Numeric(7,2),
SalesOrderID INT not null,
ProductID INT not null,
SO_Quantity INT not null)
GO

-- add foreign key to the tables

ALTER TABLE tblPRODUCT
ADD CONSTRAINT FK_tblPRODUCT_ProductTypeID
FOREIGN KEY (ProductTypeID)
REFERENCES tblPRODUCT_TYPE (ProductTypeID)
GO

ALTER TABLE tblPRODUCT
ADD CONSTRAINT FK_tblPRODUCT_SupplierID
FOREIGN KEY (SupplierID)
REFERENCES tblSUPPLIER (SupplierID)
GO

ALTER TABLE tblSO_PRODUCT
ADD CONSTRAINT FK_tblSO_PRODUCT_SalesOrderID
FOREIGN KEY (SalesOrderID)
REFERENCES tblSALES_ORDER (SalesOrderID)
GO

ALTER TABLE tblSO_PRODUCT
ADD CONSTRAINT FK_tblSO_PRODUCT_ProductID
```

```sql
FOREIGN KEY (ProductID)
REFERENCES tblPRODUCT (ProductID)
GO


USE INFO_330_PROJ_01
CREATE TABLE tblEMPLOYEE
(EmployeeID INTEGER IDENTITY(1,1) primary key,
EmployeeFname varchar(30) not null,
EmployeeLname varchar(30) not null,
EmployeeEmail varchar(60) not null,
EmployeePhoneNum varchar(20) not null)
GO


GO
CREATE TABLE tblSTORE
(StoreID INTEGER IDENTITY(1,1) primary key,
StoreName varchar(30) not null,
StoreTypeID INT not null,
YearOpened Int not null,
StoreCity varchar(80) not null)
GO




GO
CREATE TABLE tblSALES_ORDER
(SalesOrderID INTEGER IDENTITY(1,1) primary key,
MemberID INT not null,
OrderDate DATE not null,
TotalPrice Numeric(8,2) not null -- quantity * price
)
GO

ALTER TABLE tblSALES_ORDER
ADD CONSTRAINT FK_tblMEMBER_MemberID
FOREIGN KEY (MemberID)
REFERENCES tblSALES_ORDER (MemberID)
GO

ALTER TABLE tblSTORE
ADD CONSTRAINT FK_tblSTORE_TYPE_StoreTypeID
FOREIGN KEY (StoreTypeID)
```

```sql
REFERENCES tblSTORE (StoreTypeID)
GO
```