SQL Query to Generate Tables

Tables

CREATE TABLE [dbo].[Users] (
[Uid] INT IDENTITY (1, 1) NOT NULL,
[Username] NVARCHAR (MAX) NULL,
[Password] NVARCHAR (MAX) NULL,
[Email] NVARCHAR (MAX) NULL,
[Name] NVARCHAR (MAX) NULL,
[Usertype] NCHAR (10) NULL,
PRIMARY KEY CLUSTERED ([Uid] ASC)
);

CREATE TABLE [dbo].[tblGender] (
[GenderID] BIGINT IDENTITY (1, 1) NOT NULL,
[GenderName] NVARCHAR (50) NULL,
PRIMARY KEY CLUSTERED ([GenderID] ASC)
);

CREATE TABLE [dbo].[tblCategories] (
[CatID] BIGINT IDENTITY (1, 1) NOT NULL,
[CatName] NVARCHAR (MAX) NULL,
PRIMARY KEY CLUSTERED ([CatID] ASC)
);

CREATE TABLE [dbo].[tblSubCategories] (
[SubCatID] BIGINT IDENTITY (1, 1) NOT NULL,
[SubCatName] NVARCHAR (MAX) NULL,
[MainCatID] BIGINT NULL,
PRIMARY KEY CLUSTERED ([SubCatID] ASC),
CONSTRAINT [FK_tblSubCategories_Cat] FOREIGN KEY ([MainCatID])

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REFERENCES [dbo].[tblCategories] ([CatID])
);

CREATE TABLE [dbo].[tblBrands] (
[BrandID] BIGINT IDENTITY (1, 1) NOT NULL,
[Name] NVARCHAR (MAX) NULL,
PRIMARY KEY CLUSTERED ([BrandID] ASC)
);

CREATE TABLE [dbo].[tblSizes] (
[SizeID] BIGINT IDENTITY (1, 1) NOT NULL,
[SizeName] NVARCHAR (50) NULL,
[BrandID] BIGINT NULL,
[CategoryID] BIGINT NULL,
[SubCategoryID] BIGINT NULL,
[GenderID] BIGINT NULL,
PRIMARY KEY CLUSTERED ([SizeID] ASC),
CONSTRAINT [FK_tblSizes_ToBrand] FOREIGN KEY ([BrandID]) REFERENCES
[dbo].[tblBrands] ([BrandID]),
CONSTRAINT [FK_tblSizes_ToCat] FOREIGN KEY ([CategoryID]) REFERENCES
[dbo].[tblCategories] ([CatID]),
CONSTRAINT [FK_tblSizes_ToSubCat] FOREIGN KEY ([SubCategoryID])
REFERENCES [dbo].[tblSubCategories] ([SubCatID]),
CONSTRAINT [FK_tblSizes_ToGender] FOREIGN KEY ([GenderID]) REFERENCES
[dbo].[tblGender] ([GenderID])
);

CREATE TABLE [dbo].[tblProducts] (
[PID] BIGINT IDENTITY (1, 1) NOT NULL,
[PName] NVARCHAR (MAX) NULL,
[PPrice] MONEY NULL,
[PSelPrice] MONEY NULL,
[PBrandID] BIGINT NULL,
```

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[PCategoryID] BIGINT NULL,
[PSubCatID] BIGINT NULL,
[PGender] BIGINT NULL,
[PDescription] NVARCHAR (MAX) NULL,
[PProductDetails] NVARCHAR (MAX) NULL,
[PMaterialCare] NVARCHAR (MAX) NULL,
[FreeDelivery] INT NULL,
[30DayRet] INT NULL,
[COD] INT NULL,
PRIMARY KEY CLUSTERED ([PID] ASC),
CONSTRAINT [FK_tblProducts_ToTable] FOREIGN KEY ([PBrandID])
REFERENCES [dbo].[tblBrands] ([BrandID]),
CONSTRAINT [FK_tblProducts_ToTable_1] FOREIGN KEY ([PCategoryID])
REFERENCES [dbo].[tblCategories] ([CatID]),
CONSTRAINT [FK_tblProducts_ToTable_2] FOREIGN KEY ([PSubCatID])
REFERENCES [dbo].[tblSubCategories] ([SubCatID]),
CONSTRAINT [FK_tblProducts_ToTable_3] FOREIGN KEY ([PGender])
REFERENCES [dbo].[tblGender] ([GenderID])
);

CREATE TABLE [dbo].[tblProductImages] (
[PIMGID] BIGINT IDENTITY (1, 1) NOT NULL,
[PID] BIGINT NULL,
[Name] NVARCHAR (MAX) NULL,
[Extention] NVARCHAR (50) NULL,
PRIMARY KEY CLUSTERED ([PIMGID] ASC),
CONSTRAINT [FK_tblProductImages_ToTable] FOREIGN KEY ([PID])
REFERENCES [dbo].[tblProducts] ([PID])
);

CREATE TABLE [dbo].[tblProductSizeQuantity] (
[PrdSizeQuantID] BIGINT IDENTITY (1, 1) NOT NULL,
[PID] BIGINT NULL,
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[SizeID] BIGINT NULL,
[Quantity] INT NULL,
PRIMARY KEY CLUSTERED ([PrdSizeQuantID] ASC),
CONSTRAINT [FK_tblProductSizeQuantity_ToTable] FOREIGN KEY ([PID])
REFERENCES [dbo].[tblProducts] ([PID]),
CONSTRAINT [FK_tblProductSizeQuantity_ToTable_1] FOREIGN KEY ([SizeID])
REFERENCES [dbo].[tblSizes] ([SizeID])
);

CREATE TABLE [dbo].[tblPurchase] (
[PurchaseID] BIGINT IDENTITY (1, 1) NOT NULL,
[UserID] INT NULL,
[PIDSizeID] NVARCHAR (MAX) NULL,
[CartAmount] MONEY NULL,
[CartDiscount] MONEY NULL,
[TotalPayed] MONEY NULL,
[PaymentType] NVARCHAR (50) NULL,
[PaymentStatus] NVARCHAR (50) NULL,
[DateOfPurchase] DATETIME NULL,
[Name] NVARCHAR (MAX) NULL,
[Address] NVARCHAR (MAX) NULL,
[PinCode] NVARCHAR (50) NULL,
[MobileNumber] NVARCHAR (50) NULL,
PRIMARY KEY CLUSTERED ([PurchaseID] ASC),
CONSTRAINT [FK_tblPurchase_ToUsers] FOREIGN KEY ([UserID]) REFERENCES
[dbo].[Users] ([Uid])
);

CREATE TABLE [dbo].[ForgotPassRequests] (
[Id] UNIQUEIDENTIFIER NOT NULL,
[Uid] INT NULL,
[RequestDateTime] DATETIME NULL,
PRIMARY KEY CLUSTERED ([Id] ASC),
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CONSTRAINT [FK_ForgotPassRequests_Users] FOREIGN KEY ([Uid])
REFERENCES [dbo].[Users] ([Uid])
);
```

STORED PROCEDURES

```
CREATE PROCEDURE [dbo].[procBindAllProducts]

AS
select A.*,B.*,C.Name,A.PPrice-A.PSelPrice as DiscAmount,B.Name as
ImageName,C.Name as BrandName
from tblProducts A
inner join tblBrands C on C.BrandID=A.PBrandID
cross apply(
select top 1 * from tblProductImages B where B.PID = A.PID order by B.PID
desc
) B
order by A.pid desc
RETURN 0

CREATE PROCEDURE [dbo].[procInsertProducts]
(
@PName nvarchar(MAX),
@PPrice money,
@PSelPrice money,
@PBrandID bigint,
@PCategoryID bigint,
@PSubCatID bigint,
@PGender bigint,
@PDescription nvarchar(MAX),
@PProductDetails nvarchar(MAX),
@PMaterialCare nvarchar(MAX),
@FreeDelivery int,
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@30DayRet int,
@COD int
)
AS
insert into tblProducts
values(@PName,@PPrice,@PSelPrice,@PBrandID,@PCategoryID,@PSubCatID,@PGender,
@PDescription,@PProductDetails,@PMaterialCare,@FreeDelivery,@30DayRet,@COD)
select SCOPE_IDENTITY()
RETURN 0
```