Use master

Create database InternShipDb

go

use InternShipDb

go

create table Products

(

ProductID int PRIMARY KEY IDENTITY NOT NULL,

ProductName nvarchar(50)

)

use InternShipDb

go

create table Categores

(

CategoryID int PRIMARY KEY IDENTITY NOT NULL,

CategoryName nvarchar(50)

)

use InternShipDb

go

create table Products\_Category

(

CategoryID int,

ProductID int

PRIMARY KEY (CategoryID,ProductID)

)

--Realationship many-to-many

use InternShipDb

go

alter table Products\_Category

add constraint FK\_Products\_Category\_Categores

foreign key (CategoryID) references Categores(CategoryID)

go

use InternShipDb

go

alter table Products\_Category

add constraint FK\_Products\_Category\_Products

foreign key (ProductID) references Products(ProductID)

--Sql query for the get products and their category

select Products.ProductName , Categories.CategoryName

from((Products

inner join Product\_Category on Products.ProductID=Product\_Category.ProductID)

inner join Categories on Categories.CategoryID = Product\_Category.CategoryID)